# SCDXC Newsletter



The Southern California DX Club is an informal group of dedicated men and women active in the amateur radio community who enjoy communicating over the air with other radio amateurs around the world.

The SCDXC strongly supports the DX Code of Conduct. Please visit their website:

### www.dx-code.org

The SCDXC newsletter is published monthly and released to everyone around the first week of each month. Amateur and DX related letters, news and pictures are welcome and will be published as time and space permit.

Articles will be republished with recognition of the author and the club. Reuse of copyrighted materials require the original author's permission.

Any questions regarding this newsletter or its articles should be addressed to the Editor, Bill, N6RV at:

### n6rv@scdxc.org

Gatherings are informal and impromptu. Anyone interested in gathering can initiate one. Notify N6RV and an email will be pushed out to the group. If you would like to join that email list see our website or email N6RV.

Please check the club web site for events and details at:

http://www.scdxc.org

**President** John Schroeder, N6QQ

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# Harvey Laidman, W8DX SK

W8DX, Harvey S. Laidman, became a silent key January 3, at the age of 82. He was a longtime supporter of The Daily DX. Licensed first, at the age of 12 in 1954 as WN8SLR, he passed general class in 1957 in Cleveland, Ohio at the Federal Building, with at the time the original W8DX, Richard Cotton, being the test administrator.

Harvey moved to California in 1963 and got his extra in 1972 and got the N6HL callsign in 1977, and "assumed the protectorship" of the W8DX callsign in 1997. Harvey had 5BDXCC, 5BWAZ, etc. An active DXer, of course, he was a past president of the Southern California DX Club.

Harvey was a film director and teacher of cinema and television arts at Cal State University Northridge. He preferred CW DXing and said "I am at the key in the early morning and late evenings." As of January, 2020, he was at a new QTH in the Simi Valley, California, and had 340/353 current/total in the DXCC mixed.

Harvey's mother was a librarian, his father an electrical contractor. As a young man, for three summers, he worked with the Kenley Players theater company in Warren Ohio. He studied electrical engineering at Kent State, then transferred to the University of Southern California, USC, for a cinema degree. He worked at station KTTV and Lorimar Productions. His first directing job was for The Waltons in 1975. For 30 years he directed hundreds of TV programs including Matlock, Seventh Heaven, Scarecrow and Mrs. King, Magnum P.I., Knight Rider, JAG, Tales of the Gold Monkey, Knots Landing, Paper Chase, Eight is Enough, Airwolf, Chicago Story, the Fitzpatricks, Lou Grant, and others.

**W8DX Obituary** 







# **2024 Holiday Party**



# From the Editor

#### Hello Friends

We held a meeting on Monday, January 13th, to discuss the reorganization of SCDXC from a incorporated club with officers and events to a unofficial association that will meet in an informal and impromptu manner. Here is the result:

### **Club Reorganization**

**Objective** Continuity of the SCDXC tradition in an informal manner.

### 3 Officers (All Informal)

President

Membership / Newsletter / Zoom

Webmaster

### **No formal Meetings**

Casual Zoom Meeting 2<sup>nd</sup> Thursday of every month Informal Holiday Gathering Impromptu Dinners possibly monthly

#### No Dues

No Treasury

Current treasury will be donated to a California Nonprofit

#### No Awards

DXer of the Year Clipperton

#### No Donations to other Organizations

WWROF (CQWW Plaques) donations picked up by individuals NCDXF & DXpedition donations made on an individual basis Any support of club functions will be by unsolicited individual donations

### **Keep Website**

Membership page and others will be updated

#### Keep Zoom

Anyone who wants to meet on Zoom at any time contact the Zoom administrator in advance.

#### **Consider Getting on DXChat Discord Server**

#### **Restructure Newsletter**

See this newsletter No officer columns

Anyone may contribute / write a column (Of course, subject to editorial review)

#### What will be dropped?

Dissolution of SCDXC Nonprofit Corporation (IRS 501(c)7 & California 23701g)

Dues / Treasury

Regular Meetings and Events

Prizes and Raffles

Sponsorship / Donations

IDXC Hosting (Suggest that the IDXC be incorporated separate from either club)

In general, everything else, the social and competitive aspects of the club will continue in an informal manner.

These were the results recorded from the meeting. If anything is missed or any other suggestions please contact us.

### **Rumors on the Band**

This month is loaded with African operations! Look towards the end of the month for a glut of DX!

QTH	Call	Start Date	End Date	Information				
Guyana	8R1TM	Now	8-Feb	PY1SAD HF SSB CW DIGI				
Palau	T88SM	Now	16-Jan	JA6EGL (T88SM) and JE6KFN (T88XK) 160-6m AM SSB DIGI				
Benin	TY5C	Now	31-Jan	F5NVF HF CW FT8				
Marquessas	TX7N	Now	27-Jan	12 ops from France 160-6m				
South Sudan	Z81Z	Now	24-Jan	K4ZW HF CW SSB				
St. Helena	ZD7DPX	Now	3-Feb	IZ2DPX 160-6m SSB FT8 FT4				
Nigeria	5N9DTG	25-Jan	8-Feb	Rebel DX Group members 160-6m CW SSB DIGI				
Guinea Bissau	J52EC	26-Jan	1-Mar	IZ3BUR 20-10m SSB DIGI				
Rwanda	9X2AW	27-Jan	15-Feb	DF2WO 160-10m CW SSB FT4				
Mali	TZ1CE	28-Jan	20-Feb	DK1CE 160-6m SSB FT8				

9   TYVO				st Want	ted		
1 PS   DPRK (NORTH KOREA)			2024			2023	
2	#	Pfx	Entity	#	Pfx	Entity	Delta
3   CEOX   SAN FELIXISLANDS   3   CEOX   SAN FELIXISLAND   10 (i, 6)	1	P5	DPRK (NORTH KOREA)	1	P5	DPRK (NORTH KOREA)	1 =
4 BY9P   PRATAS ISLAND	2	BS7H	SCARBOROUGH REEF	2	BS7H	SCARBOROUGH REEF	2 =
5         KH7K         KURE ISLAND         5         BW9P         PRATAS ISLAND         4 (f. 1)           6         KH3         JOHNSTON ISLAND         6         KH7K         KURE ISLAND         5 (f. 1)           7         3YIP         PETER 1 ISLAND         7         KH3         JOHNSTON ISLAND         6 (f. 1)           8         FT5X         KERGUELEN ISLAND         8         FTIG         GLORIOSO ISLAND         33 (L. 2)           9         YVO         AVES ISLAND         9         FTISX         KERGUELEN ISLAND         8 (f. 1)           10         3YIB         BOUVET ISLAND         10         3YIP         PETER 1 ISLAND         7 (f. 3)           11         228         PRINCE EDWARD & MARION ISLANDS         11         YVO         AVES ISLAND         9 (f. 2)           11         238         PRINCE EDWARD & MARION ISLANDS         11         YVO         AVES ISLAND         13 (f. 1)           11         YYO         AVES ISLAND         13 SYIA         MOUNT ATHOS         28 (f. 1)           14         PYOS         SAINT PETER AND PAUL ROCKS         14 Z58         PRINCE EDWARD & MARION ISLAND         11 (f. 3)           15         KP5         DESECHEO ISLAND         15 (F. 1)         <	3	CE0X	SAN FELIX ISLANDS	3	CE0X	SAN FELIX ISLANDS	3 =
6 KH3 JOHNSTON ISLAND 6 KH7K KURE SIAND 5 († 1) 7 3Y/P PETER 1 ISLAND 7 KH3 JOHNSTON ISLAND 6 († 1) 8 FT5/X KERGUELEN SIAND 9 FT5/X KERGUELEN ISLAND 33 (↓ 25 9 YV0 AVES SIAND 9 FT5/X KERGUELEN SIAND 9 FT5/X KERGUELEN SIAND 8 († 1) 10 3Y/B BOUVET ISLAND 10 3Y/P PETER 1 ISLAND 7 († 3) 11 258 PRINCE EDWARD & MARION ISLANDS 11 YV0 AVES ISLAND 9 († 2) 12 KH4 MIDWAY ISLAND 12 VK0M MACQUARIE ISLAND 13 (↓ 1) 13 VK0M MACQUARIE ISLAND 12 VK0M MACQUARIE ISLAND 13 (↓ 1) 14 PY0S SAINT PETER AND PAUL ROCKS 14 258 PRINCE EDWARD & MARION ISLANDS 11 († 9) 15 KP5 DESCHEO ISLAND 15 KH4 MIDWAY ISLAND 16 († 3) 16 KP5 DESCHEO ISLAND 16 EZ TURKMENISTAN 21 (↓ 5) 17 ZJ.9 NEW ZEALAND SUBANTARCTIC ISLANDS 16 EZ TURKMENISTAN 22 (↓ 1) 18 FK/C CHESTERFIELD ISLANDS 18 FT5/W CROZET ISLAND 29 (↓ 11) 19 VK0H HEARD ISLAND 19 VP0S SOUTH SANDWICH ISLANDS 18 FT5/W CROZET ISLAND 15 († 5) 21 EZ TURKMENISTAN 22 (↓ 1) 22 YK SYRIA 22 Z KH5 PALMYRAS JARVIS ISLANDS 15 († 5) 21 EZ TURKMENISTAN 21 (YK SYRIA 22 KH1 PALMYRAS JARVIS ISLANDS 35 (↓ 12) 22 YK SYRIA 22 Z KH5 PALMYRAS JARVIS ISLANDS 36 (↓ 12) 23 ZL8 KERMADEC ISLAND 22 KH5 PALMYRAS JARVIS ISLANDS 36 (↓ 12) 24 VP0G SOUTH GEORGIA ISLAND 22 KH5 PALMYRAS JARVIS ISLANDS 36 (↓ 12) 25 KF4 REVILLAGIGEDO 25 ZJ.9 NEW ZEALAND SUBANTARCTIC ISLANDS 16 († 3) 30 VK9M MELISH REEF 30 JD/M MINAMI TORISHIMA 32 (↓ 2) 27 KH9 MAKE ISLAND 27 FT/T IRRINDADE & MARTIM VAZ ISLANDS 36 (↓ 12) 28 FT/Y ROWAL SILAND 27 FT/T IRRINDADE & MARTIM VAZ ISLANDS 36 (↓ 12) 29 FT/Y TIRRINDADE & MARTIM VAZ ISLANDS 36 (↓ 12) 21 FT/Y JUJAN DE NOVA, EUROPA 31 VP0G SOUTH GEORGIA ISLAND 20 (↑ 7) 28 SW/A MOUNT ATHOS 38 SK H1 BAKER HOWLAND SILANDS 36 (↓ 12) 29 FT/Y TIRRINDADE & MARTIM VAZ ISLANDS 36 (↓ 12) 21 FT/Y JUJAN DE NOVA, EUROPA 31 VP0G SOUTH GEORGIA ISLAND 30 (↑ 7) 30 VK9M MELLISH REEF 30 JD/M MINAMI TORISHIMA 32 (↓ 2) 31 FT/Y JUJAN DE NOVA, EUROPA 31 VP0G SOUTH GEORGIA ISLAND 30 (↑ 7) 31 FT/Y JUJAN DE NOVA, EUROPA 31 VP0G SOUTH ORKNEY SILAND 30 (↑ 7) 32 JD/M MINAMI TORISHIMA 32 (↓ 2) 33 KP1 NAVASSA SILAND 33 (↑ 7) 44 KH9 NAVASSA SILAND 36	4	BV9P	PRATAS ISLAND	4	3Y/B	BOUVET ISLAND	10 (↓ 6)
To   Petter   Island   To   KH3   Johnston   Island   Set   To	5	KH7K	KURE ISLAND	5	BV9P	PRATAS ISLAND	4 († 1)
8	6	KH3	JOHNSTON ISLAND	6	KH7K	KURE ISLAND	5 († 1)
9   YV0	7	3Y/P	PETER 1 ISLAND	7		JOHNSTON ISLAND	6 († 1)
10   3Y/B   BOUVET ISLAND	8	FT5/X	KERGUELEN ISLAND	8	FT/G	GLORIOSO ISLAND	33 (1 25)
11   ZSB	9	YV0	AVES ISLAND	9	FT5/X	KERGUELEN ISLAND	8 († 1)
12	10	3Y/B	BOUVET ISLAND	10	3Y/P	PETER 1 ISLAND	7 (↑ 3)
13	11	ZS8	PRINCE EDWARD & MARION ISLANDS	11	YV0	AVES ISLAND	9 († 2)
14   PYOS   SAINT PETER AND PAUL ROCKS   14   ZS8   PRINCE EDWARD & MARION ISLANDS   11 (T. 3)	12	KH4	MIDWAY ISLAND	12	VK0M	MACQUARIE ISLAND	13 (↓ 1)
15   KP5   DESECHEO ISLAND	13	VK0M	MACQUARIE ISLAND	13	SV/A	MOUNT ATHOS	28 (↓ 15)
16	14	PY0S	SAINT PETER AND PAUL ROCKS	14	ZS8	PRINCE EDWARD & MARION ISLANDS	11 († 3)
17   ZL9   NEW ZEALAND SUBANTARCTIC ISLANDS   17   PY0S   SAINT PETER AND PAUL ROCKS   14 († 3)   18   FK/C   CHESTERFIELD ISLANDS   18   FT5/W   CROZET ISLAND   29 († 11)   19   VK0H   HEARD ISLAND   19   VP0S   SOUTH SANDWICH ISLANDS   16 († 3)   20   FT/T   TROMELIN ISLAND   20   KP5   DESECHEO ISLAND   15 († 5)   21   EZ   TURKMENISTAN   21   YK   SYRIA   22 († 1)   YK   SYRIA   22 († 1)   YK   SYRIA   22 (* 1)   YK   SYRIA   YK   SYRIA   22 (* 1)   YK   SYRIA   YK   S	15	KP5	DESECHEO ISLAND	15	KH4	MIDWAY ISLAND	12 († 3)
18   FK/C   CHESTERFIELD ISLANDS   18   FT5/W   CROZET ISLAND   29 (i.11)   19   VKOH   HEARD ISLAND   19   VPOS   SOUTH SANDWICH ISLANDS   16 (f. 3)   16 (f. 3)   17   TROMELIN ISLAND   20   KP5   DESECHEO ISLAND   15 (f. 5)   12   EZ   TURKMENISTAN   21   YK   SYRIA   22   KH5   PALMYRA & JARVIS ISLANDS   44 (i.22)   22   YK   SYRIA   22   KH5   PALMYRA & JARVIS ISLANDS   34 (i.22)   24   VPOG   SOUTH GEORGIA ISLAND   23   PYOT   TRINDADE & MARTIM VAZ ISLANDS   35 (i.12)   24   VPOG   SOUTH GEORGIA ISLAND   24   XF4   REVILLAGIGEDO   25 (i.1)   25   XF4   REVILLAGIGEDO   25   Z.9   NEW ZEALAND SUBANTARCTIC ISLANDS   17 (f. 8)   26   KH1   BAKER HOWLAND ISLANDS   26   FK/C   CHESTERFIELD ISLANDS   18 (f. 8)   27   KH9   WAKE ISLAND   27   FT7T   TROMELIN ISLAND   20 (f. 7)   28   SV/A   MOUNT ATHOS   28   KH1   BAKER HOWLAND ISLANDS   26 (f. 2)   29   FT5/W   CROZET ISLAND   29   VKOH   HEARD ISLAND   19 (f. 10)   30   VK9M   MELLISH REEF   30   JJ/M   MINAMI TORISHIMA   32 (i.2)   31   FT/J   JUAN DE NOVA, EUROPA   31   VPOG   SOUTH GEORGIA ISLAND   24 (f. 7)   32   JD/M   MINAMI TORISHIMA   32   Z.8   KERMADEC ISLAND   23 (f. 9)   33   FT/G   GLORIOSO ISLAND   33   KH9   WAKE ISLAND   37 (f. 4)   36   HK0/M   MALPELO ISLAND   36   TF/J   JUAN DE NOVA, EUROPA   31   VPOG   SOUTH GEORGIA ISLAND   27 (f. 6)   34   TP   COCOS ISLAND   33   KH9   WAKE ISLAND   37 (f. 4)   37   JUAN DE NOVA, EUROPA   31 (f. 4)   35   PYOT   TRINDADE & MARTIM VAZ ISLAND   36   TF/J   JUAN DE NOVA, EUROPA   31 (f. 4)   36   HK0/M   MALPELO ISLAND   37   30   JC   CONWAY REEF   59 (j. 22)   37   KP1   NAVASSA ISLAND   37   TRINDADE & MARTIM VAZ ISLAND   37   30   JC   CONWAY REEF   59 (j. 22)   37   KP1   NAVASSA ISLAND   37   TRINDADE & MARTIM VAZ ISLANDS   39   HK0/M   MALPELO ISLAND   36 (f. 3)   41   JC   MYAMMAR   41   FO/C   CLIPPERTON ISLAND   36 (f. 3)   41   JC   MYAMMAR   41   FO/C   CLIPPERTON ISLAND   36 (f. 3)   41   42   MYAMMAR   41   FO/C   CLIPPERTON ISLAND   36 (f. 3)   41   42   MYAMMAR   41   FO/C   CLIPPERTON I	16	VP0S	SOUTH SANDWICH ISLANDS	16	EZ	TURKMENISTAN	21 (↓ 5)
19	17	ZL9	NEW ZEALAND SUBANTARCTIC ISLANDS	17	PY0S	SAINT PETER AND PAUL ROCKS	14 († 3)
Page	18	FK/C	CHESTERFIELD ISLANDS	18	FT5/W	CROZET ISLAND	29 (↓ 11)
21   EZ   TURKMENISTAN   21   YK   SYRIA   22 ( 1 )	19	VK0H	HEARD ISLAND	19	VP0S	SOUTH SANDWICH ISLANDS	16 († 3)
22         YK         SYRIA         22         KH5         PALMYRA & JARVIS ISLANDS         44 (I) 22           23         ZJ.8         KERMADEC ISLAND         23         PYOT         TRINDADE & MARTIM VAZ ISLANDS         35 (I) 12           24         VPOG         SOUTH GEORGIA ISLAND         24         XF4         REVILLAGIGEDO         25 (I) 1           25         XF4         REVILLAGIGEDO         25 (I) NEW ZEALAND SUBANTARCTIC ISLANDS         17 (f) 8)           26         KH1         BAKER HOWLAND ISLANDS         26 (F) C         CHESTERFIELD ISLANDS         18 (f) 8)           27         KH9         WAKE ISLAND         27 (F)TT         TROMELIN ISLAND         20 (f) 7)           28         SV/A         MOUNT ATHOS         28 (H)1         BAKER HOWLAND ISLAND         26 (f) 2)           29         FTI5/W CROZET ISLAND         29 (K)OH HEARD ISLAND         19 (f) 10           30         VK9M         MELLISH REEF         30 JD/M MINAMI TORISHIMA         32 (I) 2)           31         FTIJ         JUAN DE NOVA, EUROPA         31 (P) OS SOUTH GEORGIA ISLAND         23 (f) 9)           33         FTIG         GLORIOSO ISLAND         33 (H) WAS ISLAND         27 (f) 6)           34         TIP         COCOS ISLAND	20	FT/T	TROMELIN ISLAND	20	KP5	DESECHEO ISLAND	15 (↑ 5)
23   ZL8   KERMADEC ISLAND   23   PYOT   TRINDADE & MARTIM VAZ ISLANDS   35 (j. 12)	21	EZ	TURKMENISTAN	21	ΥK	SYRIA	22 (↓ 1)
24         VP0G         SOUTH GEORGIA ISLAND         24         XF4         REVILLAGIGEDO         25 (I, 1)           25         XF4         REVILLAGIGEDO         25 (I, 1)         New ZEALAND SUBANTARCTIC ISLANDS         17 (18)           26         KH1         BAKER HOWLAND ISLANDS         26 FK/C         CHESTERFIELD ISLANDS         18 (18)           27         KH9         WAKE ISLAND         27 FT/T         TROMEIN ISLAND         20 (1 7)           28         SV/A         MOUNT ATHOS         28 KH1         BAKER HOWLAND ISLANDS         26 (1 2)           29         FT5/W         CROZET ISLAND         29 VK0H         HEARD ISLAND         19 (1 10)           30         JVK9M         MELLISH REEF         30 JD/M         MINAMI TORISHIMA         32 (1 2)           31         FT/J         JUAN DE NOVA, EUROPA         31 VP0G         SOUTH GEORGIA ISLAND         23 (1 9)           33         FT/G         GLORIOSO ISLAND         33 KH9         WAKE ISLAND         27 (1 6)           34         VK9M         MELLISH REEF         30 (1 4)           35         PY0T         TRINDADE & MARTIM VAZ ISLANDS         35 FT/J         JUAN DE NOVA, EUROPA         31 (1 4)           35         PY0T         TRINDADE & MARTIM VAZ ISL	22	ΥK	SYRIA	22	KH5	PALMYRA & JARVIS ISLANDS	44 (↓ 22)
25         XF4         REVILLAGIGEDO         25         ZL9         NEW ZEALAND SUBANTARCTIC ISLANDS         17 († 8)           26         KH1         BAKER HOWLAND ISLANDS         26         FK/C         CHESTERFIELD ISLANDS         18 († 8)           27         KH9         WAKE ISLAND         27         FT/T         TROMELIN SLAND         20 († 7)           28         KH1         BAKER HOWLAND ISLANDS         26 († 2)           29         FT5/W         CROZET ISLAND         29         VK0H         HEARD ISLAND         19 († 10)           30         VK9M         MELLISH REEF         30         JJ/M         MINAMI TORISHIMA         32 (12)           31         FT/J         JUAN DE NOVA, EUROPA         31         VP0G         SOUTH GEORGIA ISLAND         24 († 7)           32         JZJA         HEY         JUAN DE NOVA, EUROPA         31         VP0G         SOUTH GEORGIA ISLAND         23 († 9)           33         FT/G         GLORIOSO ISLAND         33         KH9         WAKE ISLAND         27 († 6)           34         TIS         COCOS ISLAND         34         VK9M         MELLISH REEF         30 († 4)           35         PYOT         TRINDADE & MARTIM VAZ ISLANDS         35	23	ZL8	KERMADEC ISLAND	23	PY0T	TRINDADE & MARTIM VAZ ISLANDS	35 (↓ 12)
26         KH1         BAKER HOWLAND ISLANDS         26         FK/C         CHESTERFIELD ISLANDS         18 († 8)           27         KH9         WAKE ISLAND         27         FT/T         TROMELIN ISLAND         20 († 7)           28         SV/A         MOUNT ATHOS         28         KH1         BAKER HOWLAND ISLANDS         26 († 2)           29         FT5/W         CROZET ISLAND         29         VKOH         HEARD ISLAND         19 († 10)           30         VK9M         MELLISH REEF         30         JD/M         MINAMI TORISHIMA         32 (‡ 2)           31         FT/J         JUAN DE NOVA, EUROPA         31         VPOG         SOUTH GEORGIA ISLAND         24 († 7)           32         JD/M         MINAMI TORISHIMA         32         ZL8         KERMADEC ISLAND         23 († 9)           33         FT/G         GLORIOSO ISLAND         33         KH9         WAKE ISLAND         27 († 6)           34         T19         COCOS ISLAND         34         VK9M         MELLISH REEF         30 († 4)           35         PYOT         TRINDADE & MARTIM VAZ ISLANDS         35         FT/J         JUAN DE NOVA, EUROPA         31 († 4)           36         HKOMM         MALPELO ISLA	24	VP0G	SOUTH GEORGIA ISLAND	24	XF4	REVILLAGIGEDO	25 (↓ 1)
27 KH9	25	XF4	REVILLAGIGEDO	25	ZL9	NEW ZEALAND SUBANTARCTIC ISLANDS	17 († 8)
28         SV/A         MOUNT ATHOS         28         KH1         BAKER HOWLAND ISLANDS         26 († 2)           29         FT5/W         CROZET ISLAND         29         VKOH         HEARD ISLAND         19 († 10)           30         VK9M         MELISH REEF         30         JD/M         MINAMI TORISHIMA         32 (‡ 2)           31         FTIJ         JUAN DE NOVA, EUROPA         31         VPOG         SOUTH GEORGIA ISLAND         24 († 7)           32         JD/M         MINAMI TORISHIMA         32         ZL8         KERMADEC ISLAND         23 († 9)           33         FT/G         GLORIOSO ISLAND         33         KH9         WAKE ISLAND         27 († 6)           34         T19         COCOS ISLAND         34         VK9M         MELISH REEF         30 († 4)           35         PYOT         TRINDADE & MARTIM VAZ ISLANDS         35         FT/J         JUAN DE NOVA, EUROPA         31 († 4)           36         HKOMM         MALPELO ISLAND         36         T19         COCOS ISLAND         34 († 2)           37         TKP1         NAVASASA ISLAND         37         3DZ/C         CONWAY REEF         59 († 22)           38         VK9W         WILLIS ISLAND	26	KH1	BAKER HOWLAND ISLANDS	26	FK/C	CHESTERFIELD ISLANDS	18 († 8)
29         FT5/W         CROZET ISLAND         29         VK0H         HEARD ISLAND         19 († 10)           30         VK9M         MELLISH REEF         30         JD/M         MINAMI TORISHIMA         32 (12)           31         FT/J         JUAN DE NOVA, EUROPA         31         VP0G         SOUTH GEORGIA ISLAND         24 († 7)           32         JD/M         MINAMI TORISHIMA         32         ZI.8         KERMADEC ISLAND         23 († 9)           33         FT/G         GLORIOSO ISLAND         33         KH9         WAKE ISLAND         27 († 6)           34         TIS         COCOS ISLAND         34         VK9M         MELLISH REEF         30 († 4)           35         PYOT         TRINDADE & MARTIM VAZ ISLANDS         35         FT/J         JUAN DE NOVA, EUROPA         31 († 4)           36         HIKOM MALPELO ISLAND         36         TIJ         COCOS ISLAND         34 († 2)           37         KP1         NAVASSA ISLAND         35         FT/J         JUAN DE NOVA, EUROPA         31 († 4)           36         HIKOM MALPELO ISLAND         36         TIJ         COCOS ISLAND         34 († 2)           37         KP1         NAVASSA ISLAND         37         3D2/C </td <td>27</td> <td>KH9</td> <td>WAKE ISLAND</td> <td>27</td> <td>FT/T</td> <td>TROMELIN ISLAND</td> <td>20 († 7)</td>	27	KH9	WAKE ISLAND	27	FT/T	TROMELIN ISLAND	20 († 7)
30   VK9M   MELLISH REEF   30   JD/M   MINAMI TORISHIMA   32 (1 2)   31   FT/J   JUAN DE NOVA, EUROPA   31   VP0G   SOUTH GEORGIA ISLAND   24 (1 7)   32   JD/M   MINAMI TORISHIMA   32   ZL8   KERMADEC ISLAND   23 (1 9)   33   FT/G   GLORIOSO ISLAND   33   KH9   WAKE ISLAND   27 (1 6)   34   T19   COCOS ISLAND   34   VK9M   MELLISH REEF   30 (1 4)   35   PY0T   TRINDADE & MARTIM VAZ ISLANDS   35   FT/J   JUAN DE NOVA, EUROPA   31 (1 4)   35   PY0T   TRINDADE & MARTIM VAZ ISLANDS   35   FT/J   JUAN DE NOVA, EUROPA   31 (1 4)   36   HK0/M   MALPELO ISLAND   36   T19   COCOS ISLAND   34 (1 2)   37   KP1   NAVASSA ISLAND   37   302/C   CONWAY REEF   59 (1 22)   38   VK9W   WILLIS ISLAND   38   T31   CENTRAL KIRIBATI   48 (1 10)   39   FT5Z   AMSTERDAM & ST PAUL ISLANDS   39   HK0/M   MALPELO ISLAND   36 (1 3)   40   VP8O   SOUTH ORKNEY ISLANDS   40   KP1   NAVASSA ISLAND   37 (1 3)   41   XZ   MYANMAR   41   FO/C   CLIPPERTON ISLAND   54 (1 13)   42   ZK3   TOKELAU ISLANDS   42   H40   TEMOTU PROVINCE   49 (1 7)   43   3CO   ANNOBON   43   KH8/S   SUANIS ISLAND   51 (1 8)   44   KH5   PALMYRA & JARVIS ISLANDS   44   VP8O   SOUTH ORKNEY ISLANDS   40 (1 4)   45   IS   SPRATLY ISLANDS   45   FT5Z   AMSTERDAM & ST PAUL ISLANDS   39 (1 6)   46   T5   SOMALIA   46   VK9W   WILLIS ISLAND   38 (1 8)   47   R1F   FRANZ JOSEF LAND   47   T33   BANABA ISLAND   50 (1 3)   48   T31   CENTRAL KIRIBATI   48   XZ   MYANMAR   41 (1 7)   49   H40   TEMOTU PROVINCE   49   5A   LIBYA   74 (1 25)   50   T10   TEMOTU PROVINCE   49   T10   T1	28	SV/A	MOUNT ATHOS	28	KH1	BAKER HOWLAND ISLANDS	26 († 2)
31         FT/J         JUAN DE NOVA, EUROPA         31         VP0G         SOUTH GEORGIA ISLAND         24 († 7)           32         JD/M         MINAMI TORISHIMA         32         ZI.8         KERMADEC ISLAND         23 († 9)           33         FT/G         GLORIOSO ISLAND         33         KH9         WAKE ISLAND         27 († 6)           34         TI9         COCOS ISLAND         34         VK9M         MELISH REEF         30 († 4)           35         PY0T         TRINDADE & MARTIM VAZ ISLANDS         35         FT/J         JUAN DE NOVA, EUROPA         31 († 4)           36         HK0/M         MALPELO ISLAND         36         TI9         COCOS ISLAND         31 († 4)           37         RP1         NAVASSA ISLAND         37         3D 2/C CONWAY REEF         59 (1 22)           38         VK9W         WILLIS ISLAND         38         T31         CENTRAL KIRIBATI         48 (j 10)           39         FT5Z         AMSTERDAM & ST PAUL ISLANDS         39         HK0/M         MALPELO ISLAND         36 († 3)           40         VP80         SOUTH ORKNEY ISLANDS         41         FO/C         CLIPPERTON ISLAND         37 († 3)           41         ZZ         MYANMAR         <	29	FT5/W	CROZET ISLAND	29	VK0H	HEARD ISLAND	19 († 10)
32         JD/M         MINAMI TORISHIMA         32         ZL8         KERMADEC ISLAND         23 († 9)           33         FT/G         GLORIOSO ISLAND         33         KH9         WAKE ISLAND         27 († 6)           34         TI9         COCOS ISLAND         34         VK9M         MELLISH REEF         30 († 4)           35         FYOT         TRINDADE & MARTIM VAZ ISLANDS         35         FT/J         JUAN DE NOVA, EUROPA         31 († 4)           36         HK0/M         MALPELO ISLAND         36         TI9         COCOS ISLAND         34 († 2)           37         KP1         NAVASSA ISLAND         37         3DZ/C         CONWAY REEF         59 (L22)           38         VK9W         WILLIS ISLAND         38         T31         CENTRAL KIRIBATI         48 (£ 10)           40         VP8O         SOUTH ORKNEY ISLANDS         40         KP1         NAVASSA ISLAND         37 († 3)           40         VP8O         SOUTH ORKNEY ISLANDS         40         KP1         NAVASSA ISLAND         37 († 3)           41         VZ         MYANMAR         41         FO/C         CLIPPERTON ISLAND         54 (‡ 13)           42         ZX3         TOKELAU ISLANDS         42<	30	VK9M	MELLISH REEF	30	JD/M	MINAMI TORISHIMA	32 (↓ 2)
33         FT/G         GLORIOSO ISLAND         33         KH9         WAKE ISLAND         27 († 6)           34         TIP         COCOS ISLAND         34         VK9M         MELLISH REEF         30 († 4)           35         PYOT         TRINDADE & MARTIM VAZ ISLANDS         35         FT/J         JUAN DE NOVA, EUROPA         31 († 4)           36         HK0/M         MALPELO ISLAND         36         TIP         COCOS ISLAND         34 († 2)           37         KP1         NAVASSA ISLAND         37         3D2/C         CONWAY REEF         59 († 22)           38         VK9W         WILLIS ISLAND         38         T31         CENTRAL KIRIBATI         48 († 10)           39         FT5Z         AMSTERDAM & ST PAUL ISLANDS         39         HK0/M         MALPELO ISLAND         36 († 3)           40         VP80         SOUTH ORKNEY ISLANDS         40         KP1         NAVASSA ISLAND         37 († 3)           41         XZ         MYANMAR         41         FO/C         CLIPPERTON ISLAND         36 († 3)           42         ZK3         TOKELAU ISLANDS         42         H40         TEMOTU PROVINCE         49 († 7)           43         3CO         ANNOBON         43 </td <td>31</td> <td>FT/J</td> <td>JUAN DE NOVA, EUROPA</td> <td>31</td> <td>VP0G</td> <td>SOUTH GEORGIA ISLAND</td> <td>24 († 7)</td>	31	FT/J	JUAN DE NOVA, EUROPA	31	VP0G	SOUTH GEORGIA ISLAND	24 († 7)
34         TI9         COCOS ISLAND         34         VK9M         MELLISH REEF         30 († 4)           35         PYOT         TRINDADE & MARTIM VAZ ISLANDS         35         FT/J         JUAN DE NOVA, EUROPA         31 († 4)           36         HK0/M         MALPELO ISLAND         36         TI9         COCOS ISLAND         34 († 2)           37         KP1         NAVASSA ISLAND         37         302/C         CONWAY REEF         59 (; 22)           38         VK9W         WILLIS ISLAND         38         T31         CENTRAL KIRIBATI         48 (; 10)           39         FT5Z         AMSTERDAM & ST PAUL ISLANDS         39         HK0/M         MALPELO ISLAND         36 († 3)           40         VP8O         SOUTH ORKNEY ISLANDS         40         KP1         NAVASSA ISLAND         37 († 3)           41         Z         MYANMAR         41         FO/C         CLIPPERTON ISLAND         54 (; 13)           42         ZX3         TOKELAU ISLANDS         42         H40         TEMOTU PROVINCE         49 (; 7)           43         3CO         ANNOBON         43         KHB/S         SOUTH ORKNEY ISLANDS         40 († 4)           44         KH6         PALMYRA & JARVIS ISLANDS <td>32</td> <td>JD/M</td> <td>MINAMI TORISHIMA</td> <td>32</td> <td>ZL8</td> <td>KERMADEC ISLAND</td> <td>23 († 9)</td>	32	JD/M	MINAMI TORISHIMA	32	ZL8	KERMADEC ISLAND	23 († 9)
35   PYOT   TRINDADE & MARTIM VAZ ISLANDS   35   FT/J   JUAN DE NOVA, EUROPA   31 († 4)   36   HKO/M MALPELO ISLAND   36   T19   COCOS ISLAND   34 († 2)   37   KP1   NAVASSA ISLAND   37   3D2/C   CONWAY REEF   59 († 22)   38   VK9W   WILLIS ISLAND   38   T31   CENTRAL KIRIBATI   48 († 10)   39   FT5Z   AMSTERDAM & ST PAUL ISLANDS   39   HKO/M MALPELO ISLAND   36 († 3)   40   VP8O   SOUTH ORKNEY ISLANDS   40   KP1   NAVASSA ISLAND   37 († 3)   41   XZ   MYANMAR   41   FO/C   CLIPPETRO ISLAND   54 († 13)   42   ZK3   TOKELAU ISLANDS   42   H40   TEMOTU PROVINCE   49 († 7)   43   3C0   ANNOBON   43   KH8/S   SWAINS ISLAND   51 († 8)   44   KH5   PALMYRA & JARVIS ISLANDS   44   VP8O   SOUTH ORKNEY ISLANDS   40 († 4)   45   TS   SPRATLY ISLANDS   45   FT5Z   AMSTERDAM & ST PAUL ISLANDS   39 († 6)   46   TS   SOMALIA   46   VK9W   WILLIS ISLAND   38 († 8)   47   R1F   FRANZ JOSEF LAND   47   T33   BANABA ISLAND   50 († 3)   48   T31   CENTRAL KIRIBATI   48   XZ   MYANMAR   41 († 7)   49   H40   TEMOTU PROVINCE   49   5A   LIBYA   74 († 25)   50   10   10   10   10   10   10   10	33	FT/G	GLORIOSO ISLAND	33	KH9	WAKE ISLAND	27 († 6)
36         HK0/M         MALPELO ISLAND         36         TI9         COCOS ISLAND         34 († 2)           37         KP1         NAVASSA ISLAND         37         3D2/C         CONWAY REEF         59 (L 22)           38         VK9W         WILLIS ISLAND         38         T31         CENTRAL KIRIBATI         48 (L 10)           39         F15Z         AMSTERDAM & ST PAUL ISLANDS         39         HK0/M         MALPELO ISLAND         36 († 3)           40         VP8O         SOUTH ORKNEY ISLANDS         40         KP1         NAVASSA ISLAND         37 († 3)           41         XZ         MYANMAR         41         FO/C         CLIPPERTON ISLAND         54 (L 13)           42         ZX3         TOKELAU ISLANDS         42         H40         TEMOTU PROVINCE         49 (L 7)           43         3CO         ANNOBON         43         KH8/S         SWAINS ISLAND         51 (L 8)           44         KH5         PALMYRA & JARVIS ISLANDS         44         VP8O         SOUTH ORKNEY ISLANDS         40 († 4)           45         IS         SPRATLY ISLANDS         45         FT5Z         AMSTERDAM & ST PAUL ISLANDS         39 († 6)           46         TS         SOMALIA <t< td=""><td>34</td><td>TI9</td><td>COCOS ISLAND</td><td>34</td><td>VK9M</td><td>MELLISH REEF</td><td>30 († 4)</td></t<>	34	TI9	COCOS ISLAND	34	VK9M	MELLISH REEF	30 († 4)
37         KP1         NAVASSA ISLAND         37         3D2/C         CONWAY REEF         59 (J 22)           38         VK9W         WILLIS ISLAND         38         T31         CENTRAL KIRIBATI         48 (J 10)           39         FT5Z         AMSTERDAM & ST PAUL ISLANDS         39         HK0/M         MALPELO ISLAND         36 (f 3)           40         VP8O         SOUTH ORKNEY ISLANDS         40         KP1         NAVASSA ISLAND         37 (f 3)           41         XZ         MYANMAR         41         FO/C         CLIPPERTON ISLAND         54 (J 13)           42         ZX3         TOKELAU ISLANDS         42         H40         TEMOTU PROVINCE         49 (J 7)           43         3CO         ANNOBON         43         KH8/S         SWAINS ISLAND         51 (J 8)           44         KH5         PALMYRA & JARVIS ISLANDS         44         VP8O         SOUTH ORKNEY ISLANDS         40 (f 4)           45         IS         SPRATLY ISLANDS         45         FT5Z         AMSTERDAM & ST PAUL ISLANDS         39 (f 6)           46         T5         SOMALIA         46         VK9W         WILLIS ISLAND         38 (f 8)           47         R1F         FRANZ JOSEF LAND	35	PY0T	TRINDADE & MARTIM VAZ ISLANDS	35	FT/J	JUAN DE NOVA, EUROPA	31 († 4)
38 VK9W WILLIS ISLAND   38 T31 CENTRAL KIRIBATI   48 (i 10)   39 FT5Z AMSTERDAM & ST PAUL ISLANDS   39 HK0/M MALPELO ISLAND   36 (f 3)   40 VP8O SOUTH ORKNEY ISLANDS   40 KP1 NAVASSA ISLAND   37 (f 3)   41 XZ MYANMAR   41 FO/C CLIPPERTON ISLAND   54 (i 13)   42 ZK3 TOKELAU ISLANDS   42 H40 TEMOTU PROVINCE   49 (j 7)   43 3C0 ANNOBON   43 KH8/S SWAINS ISLAND   51 (i 8)   44 KH5 PALMYRA & JARVIS ISLANDS   44 VP8O SOUTH ORKNEY ISLANDS   40 (f 4)   45 IS SPRATLY ISLANDS   45 FT5Z AMSTERDAM & ST PAUL ISLANDS   39 (f 6)   46 T5 SOMALIA   46 VK9W WILLIS ISLAND   38 (f 8)   47 R1F FRANZ JOSEF LAND   47 T33 BANABA ISLAND   50 (i 3)   48 T31 CENTRAL KIRIBATI   48 XZ MYANMAR   41 (f 7)   49 H40 TEMOTU PROVINCE   49 5A LIBYA   74 (j 25)	36	HK0/M	MALPELO ISLAND	36	TI9	COCOS ISLAND	34 († 2)
39         FT5Z         AMSTERDAM & ST PAUL ISLANDS         39         HK0/M         MALPELO ISLAND         36 († 3)           40         VP8O         SOUTH ORKNEY ISLANDS         40         KP1         NAVASSA ISLAND         37 († 3)           41         XZ         MYANMAR         41         FO/C         CLIPPERTON ISLAND         54 (L 13)           42         ZX3         TOKELAU ISLANDS         42         H40         TEMOTU PROVINCE         49 (L 7)           43         3CO         ANNOBON         43         KH8/S         SWAINS ISLAND         51 (L 8)           44         KH5         PALMYRA & JARVIS ISLANDS         44         VP8O         SOUTH ORKNEY ISLANDS         40 (T 4)           45         1S         SPRATLY ISLANDS         45         FTSZ         AMSTERDAM & ST PAUL ISLANDS         39 (1 6)           46         1S         SOMALIA         46         VK9W         WILLIS ISLAND         38 (1 8)           47         R1F         FRANZ JOSEF LAND         47         T33         BANABA ISLAND         50 (L 3)           48         T31         CENTRAL KIRIBATI         48         XZ         MYANMAR         41 († 7)           49         H40         TEMOTU PROVINCE         49 <td>37</td> <td>KP1</td> <td>NAVASSA ISLAND</td> <td>37</td> <td>3D2/C</td> <td>CONWAY REEF</td> <td>59 (↓ 22)</td>	37	KP1	NAVASSA ISLAND	37	3D2/C	CONWAY REEF	59 (↓ 22)
40         VP80         SOUTH ORKNEY ISLANDS         40         KP1         NAVASSA ISLAND         37 († 3)           41         XZ         MYANMAR         41         FO/C         CLIPPERTON ISLAND         54 (‡ 13)           42         ZK3         TOKELAU ISLANDS         42         H40         TEMOTU PROVINCE         49 (‡ 7)           43         3C0         ANNOBON         43         KH6/S         SWAINS ISLAND         51 (‡ 8)           44         KH5         PALMYRA & JARVIS ISLANDS         44         VP80         SOUTH ORKNEY ISLANDS         40 († 4)           45         1S         SPRATLY ISLANDS         45         FT5Z         AMSTERDAM & ST PAUL ISLANDS         39 († 6)           46         TS         SOMALIA         46         VK9W         WILLIS ISLAND         38 († 8)           47         R1F         FRANZ JOSEF LAND         47         T33         BANABA ISLAND         50 (‡ 3)           48         T31         CENTRAL KIRIBATI         48         XZ         MYANMAR         41 († 7)           49         H40         TEMOTU PROVINCE         49         5A         LIBYA         74 (‡ 25)	38	VK9W	WILLIS ISLAND	38	T31	CENTRAL KIRIBATI	48 (↓ 10)
41         XZ         MYANMAR         41         FO/C         CLIPPERTON ISLAND         54 (j. 13)           42         ZK3         TOKELAU ISLANDS         42         H40         TEMOTU PROVINCE         49 (j. 7)           43         3CO         ANNOBON         43         KH8/S         SWAINS ISLAND         51 (j. 8)           44         KH5         PALMYRA & JARVIS ISLANDS         44         VP8O         SOUTH ORKNEY ISLANDS         40 (f. 4)           45         IS         SPRATLY ISLANDS         45         FT5Z         AMSTERDAM & ST PAUL ISLANDS         39 (f. 6)           46         T5         SOMALIA         46         VK9W         WILLIS ISLAND         38 (f. 8)           47         R1F         FRANZ JOSEF LAND         47         T33         BANABA ISLAND         50 (j. 3)           48         T31         CENTRAL KIRIBATI         48         XZ         MYANMAR         41 (f. 7)           49         H40         TEMOTU PROVINCE         49         5A         LIBYA         74 (j. 25)	39	FT5Z	AMSTERDAM & ST PAUL ISLANDS	39	HK0/M	MALPELO ISLAND	36 († 3)
42         ZK3         TOKELAU ISLANDS         42         H40         TEMOTU PROVINCE         49 (į 7)           43         3C0         ANNOBON         43         KH8/S         SWAINS ISLAND         51 (į 8)           44         KH5         PALMYRA & JARVIS ISLANDS         44 VP8O         SOUTH ORKNEY ISLANDS         40 († 4)           45         IS         SPRATLY ISLANDS         45         FT5Z         AMSTERDAM & ST PAUL ISLANDS         39 († 6)           46         TS         SOMALIA         46         VK9W         WILLIS ISLAND         38 († 8)           47         R1F         FRANZ JOSEF LAND         47         T33         BANABA ISLAND         50 (į 3)           48         T31         CENTRAL KIRIBATI         48         X2         MYANMAR         41 († 7)           49         H40         TEMOTU PROVINCE         49         5A         LIBYA         74 (į 25)	40	VP8O	SOUTH ORKNEY ISLANDS	40	KP1	NAVASSA ISLAND	37 († 3)
43         3C0         ANNOBON         43         KH8/S         SWAINS ISLAND         51 (I 8)           44         KH5         PALMYRA & JARVIS ISLANDS         44         VP80         SOUTH ORKNEY ISLANDS         40 († 4)           45         1S         SPRATLY ISLANDS         45         FT5Z         AMSTERDAM & ST PAUL ISLANDS         39 († 6)           46         T5         SOMALIA         46         VK9W         WILLIS ISLAND         38 († 8)           47         R1F         FRANZ JOSEF LAND         47         T33         BANABA ISLAND         50 (I 3)           48         T31         CENTRAL KIRIBATI         48         XZ         MYANIMAR         41 († 7)           49         H40         TEMOTU PROVINCE         49         5A         LIBYA         74 (I 25)	41	XZ	MYANMAR	41	FO/C	CLIPPERTON ISLAND	54 (↓ 13)
44         KH5         PALMYRA & JARVIS ISLANDS         44         VP80         SOUTH ORKNEY ISLANDS         40 († 4)           45         1S         SPRATLY ISLANDS         45         FTSZ         AMSTERDAM & ST PAUL ISLANDS         39 († 6)           46         T5         SOMALIA         46         VK9W         WILLIS ISLAND         38 († 8)           47         R1F         FRANZ JOSEF LAND         47         T33         BANABA ISLAND         50 (‡ 3)           48         T31         CENTRAL KIRIBATI         48         XZ         MYANMAR         41 († 7)           49         H40         TEMOTU PROVINCE         49         5A         LIBYA         74 (‡ 25)	42	ZK3	TOKELAU ISLANDS	42	H40	TEMOTU PROVINCE	49 (↓ 7)
45         IS         SPRATLY ISLANDS         45         FT5Z         AMSTERDAM & ST PAUL ISLANDS         39 († 6)           46         T5         SOMALIA         46         VK9W         WILLIS ISLAND         38 († 8)           47         R1F         FRANZ JOSEF LAND         47         T33         BANABA ISLAND         50 (‡ 3)           48         T31         CENTRAL KIRIBATI         48         XZ         MYANIMAR         41 († 7)           49         H40         TEMOTU PROVINCE         49         5A         LIBYA         74 (‡ 25)	43	3C0	ANNOBON	43	KH8/S	SWAINS ISLAND	51 (↓ 8)
46         T5         SOMALIA         46         VK9W         WILLIS ISLAND         38 († 8)           47         R1F         FRANZ JOSEF LAND         47         T33         BANABA ISLAND         50 (į 3)           48         T31         CENTRAL KIRIBATI         48         XZ         MYANMAR         41 († 7)           49         H40         TEMOTU PROVINCE         49         5A         LIBYA         74 (½ 25)	44	KH5	PALMYRA & JARVIS ISLANDS	44	VP8O	SOUTH ORKNEY ISLANDS	40 († 4)
47         R1F         FRANZ JOSEF LAND         47         T33         BANABA ISLAND         50 (i, 3)           48         T31         CENTRAL KIRIBATI         48         XZ         MYANMAR         41 († 7)           49         H40         TEMOTU PROVINCE         49         5A         LIBYA         74 (j. 25)	45	1S	SPRATLY ISLANDS	45	FT5Z	AMSTERDAM & ST PAUL ISLANDS	39 († 6)
47         R1F         FRANZ JOSEF LAND         47         T33         BANABA ISLAND         50 (↓ 3)           48         T31         CENTRAL KIRIBATI         48         XZ         MYANMAR         41 (↑ 7)           49         H40         TEMOTU PROVINCE         49         5A         LIBYA         74 (↓ 25)	46	T5	SOMALIA	46	VK9W	WILLIS ISLAND	38 († 8)
48         T31         CENTRAL KIRIBATI         48         XZ         MYANMAR         41 († 7)           49         H40         TEMOTU PROVINCE         49         5A         LIBYA         74 (J 25)	47	R1F	FRANZ JOSEF LAND	47	T33	BANABA ISLAND	
49 H40 TEMOTU PROVINCE 49 5A LIBYA 74 (1.25)	48	T31	CENTRAL KIRIBATI	48	XZ	MYANMAR	
50 T33 BANABA ISLAND 50 ZK3 TOKELAU ISLANDS 42 († 8)	49	H40	TEMOTU PROVINCE	49	5A	LIBYA	
	50	T33	BANABA ISLAND	50	ZK3	TOKELAU ISLANDS	42 († 8)

**CADXA Most Wanted DXCC** 

**ClubLog Most Wanted DXCC** 

# **DX Standings**

Thanks to Ryan, Frank, K6FOD Bob, N6RW, Bill, N6RV, Bill, N6WS, and Bill, WA5VGI for their input.

If you are a new member please join ClubLog and then sign up for the Southern California DX Club. If you need help email me. Send any updates to:

### N6RV@SCDXC.org

### **SCDXC WAZ and DXCC Standings**

The first WAZ column is the confirmed zone count on 10 bands 160 - 6 (less 60 meters). The second column is the regular 5BWAZ confirmed count. The following are the codes that follow the two columns and indicate the awards:

M Mixed P Phone C CW R RTTY

			SCDXC	Lifeti	me St	andings				T
Rank	Call	Current	Total	Slots	Rank	Call	Current	Total	Slots	h
1	W6KH	340	389		47	N6VNI	312	314	1541	F
2	JA1BK	340	383	3242	48	N6WT	311	311	1584	H
3	K6YRA	340	378	2278	49	W6HB	311	311	1029	F
4	OH2BH	340	378		50	N6PM	299	300	2000	F
5	N0FW	340	372	2978	51	N6GP	299	314	1851	F
6	K6YUI	340	366	2610	52	K6IRD	292	302	649	L
7	NS6C	340	361	2633	53	W6ZL	287	291	1074	L
8	W6SR	340	359	2778	54	WA6HXM	275	275		Г
9	K6FG	340	357	2786	55	WA6WXD	274	274		Γ
10	K5KT	340	355		56	K6VC	264	267		r
11	W8DX	340	353	2456	57	K0XP	250	249	973	t
23	N6WS	340	352	2723	69	N6AA	247	247	2442	H
12	W6TK	340	351	1781	58	W6KC	246	248	743	H
13	N6HC	340	349	2408	59	NE6V	239	239	1037	L
14	W6KK	340	349	2066	60	K6JEY	234	234		L
15	K6ND	340	348	2861	61	N6HE	229	238	746	L
16	WA5VGI	340	348	2798	62	N6VOH	222	251		Г
17	KJ6Y	340	348	1439	63	W6YLZ	219	220		Γ
18	N6PEQ	340	347	2056	64	N6AV	212	212		F
19	KR6C	340	346	2152	65	KN6ZZI	211	211	765	F
20	WA6WZO	339	357	2456	66	K6AFW	204	204	917	H
21	N6RV	339	356	2522	67	WB6DJI	200	200	589	F
22	N6QQ	339	356	2353	68	AA6DW	196	202	402	L
24	K6RO	339	348	2484	70	K6FOD	188	188	479	L
25	W6TJI	338	355		71	K9TAD	178	178	244	L
26	W6IRD	338	354		72	N6LL	169	169		Γ
27	W6RW	338	352	2479	73	W6GA	169	168		r
28	W6FL	338	352	1644	74	KC6TOD	166	166		t
29	N6HY	338	346	2294	75	KK6M	162	192		H
30	N6MG	338	338		76	W6QE	149	149	365	H
31	N6RW	337	372	2506	77	K6DW	147	147		F
32	W6OU	337	356	1613	78	WD6Y	147	147	274	L
33	N6IC	336	347		79	WC2S	146	146		L
34	N6AX	336	322	1826	80	AB9A	141	141	224	Ĺ
35	K6JW	335	341	1371	81	NZ6L	137	178	158	ſ
36	N7NR	335	354	2686	82	N6CA	133	133	386	Γ
37	SM5GMZ	335	346	2454	83	K6NGO	130	130		t
38	K4ST	335	339	2065	84	KI6BTY	115	115	430	H
39	K2IXQ	334	339	1796	85	K6BBC	103	117	216	ŀ
40	N6MXU	333	337	1802	86	N6YQ	100	128		ŀ
41	W6SW	331	339	540	87	WA6MEM	100	100		L
42	K6SY	331	337	1158	88	W6CCC	95	95	211	L
43	W6DR	331	336	2109	89	W6MPB	61	61		L
44	N6AX	330	336	1826	90	K6LAC	46	46		ſ
45	AA6PW	330	331	1785	91	K6YIC	43	43	92	Γ
46	NK6A	313	316	957	92	NY6Y	28	28		t
47	N6DHZ	312	318	1535	93	KJ6YL	14	14		F
										H

	WAZS	tan	ding	S
Rank	Call	<u>11B</u>	<u>5B</u>	<u>Awards</u>
1	N0FW	426	200	M/P/C/R/5
2	K6ND	415	200	M/5
3	WA5VGI	416	200	M/P/C/R/5
4	N6WS	415	200	M/P/C/R/5
5	W6SR	384	200	M/P/C/5
6	K6FG	376	200	M/P/C/R/5
7	NS6C	369	200	M/P/C/R/5
8	W8DX	357	200	M/5
9	N6AW	355	200	M/P/C/5
10	K6YUI	353	200	M/P/C/R/5
11	W6RW	344	200	M/P/C/5
12	K6YRA	337	200	P/5
13	W6TK	369	198	
14	N6HY	365	196	M/P/C
15	N6RW	408	198	
16	N6WT	385	195	
17	N6RV	384	195	
18	K6RO	379	195	M/P/C
19	W6FL	253	195	/ 0
20	N6PM	374	193	
21	N6QQ	343	189	
22	KR6C	333	189	
23	N6PEQ	338	188	
24	W6DR	348	187	
25	W6OU	307	186	
26	N6GP	313	185	
27	K4ST	310	185	
28	W6KK	307	185	
29	N6DHZ	295	182	
30	AA6PW	298	181	
31	N6V NI	291	181	
32	K6SY	299	178	
33	KJ6Y	237	173	
34	N6HE	253	168	
35	W6ZL	253	166	M/P/C/R
36	K6JW	244	158	
37	NK6A	290	157	
38	KN6ZZI	230	211	
39	W6KC	217	156	
40	W6YLZ	151	288	
41	К7МҮ	258	159	
42	N6M G	241	150	
43	NE6V	256	149	
44	K6AFW	218	149	
45	KK6M	173	140	
46	KOXP	171	140	
47	K6IRD	220	130	
48	W6SW	154	126	M/P
49	W6IRD	102	112	
50	WD6Y	174	109	М
51	K6VC	145	96	141
52	K6DW	143	118	
53	WC2S	201	115	
54	K6NGO	191	110	
55	K6FOD	160	106	
56	K9TAD	113	99	
57	NZ6L	104	82	
58	N6HC	17	13	
59	WB6DJI	11	8	

### 2024 Get Schroeder Contest

1A0	<b>4</b> S	7Q	А3	CE9	E7	FK	GI	HS	KH0	LZ	PJ7	T2	TY	VK9L	VU4	YV0
<b>1S</b>	4U1ITU	7X	<b>A4</b>	CN	EA	FK/C	GJ	HV	KH1	OA	PΥ	T30	TZ	VK9M	VU7	<b>Z</b> 2
3A	4U1UN	8P	A5	CO	EA6	FM	GM	HZ	KH2	OD	PY0F	T31	UA	VK9N	ΧE	<b>Z</b> 3
3B7	4W	8Q	A6	CP	EA8	FO	GU	1	KH3	OE	PY0S	T32	UA0	VK9W	XF4	Z6
3B8	4X	8R	<b>A7</b>	СТ	EA9	FO/A	GW	IS0	KH4	ОН	PY0T	T33	UA2	VK9X	XT	<b>Z</b> 8
3B9	5A	9A	<b>A9</b>	CT3	El	FO/C	H4	J2	KH5	ОН0	PZ	T5	UJ	VP0G	XU	ZA
3C	5B	9G	AP	CU	EK	FO/M	H40	J3	KH6	OJ0	R1F	T7	UN	VP0S	XW	ZB2
3C0	5H	9H	BS7H	CX	EL	FP	HA	J5	KH7K	OK	S0	<b>T8</b>	UR	VP2E	XX9	ZC4
3D2	5N	9J	BU	CY0	EP	FR	НВ	J6	KH8	OM	S2	TA	V2	VP2M	XZ	ZD7
3D2/C	5R	9K	BV9P	CY9	ER	FS	HB0	J7	KH8/S	ON	<b>S5</b>	TF	V3	VP2V	YA	ZD8
3D2/R	5T	9L	BY	D2	ES	FT/G	HC	J8	KH9	ОХ	<b>S7</b>	TG	V4	VP5	YB	ZD9
3DA	5U	9M2	C21	D4	ET	FT/J	HC8	JA	KL7	OY	S9	TI	V5	VP6	ΥI	ZF
3V	5V7	9M6	C31	D6	EU	FT/T	НН	JD/M	KP1	ΟZ	SM	TI9	V6	VP6/D	YJ	ZK3
3W	5W	9N	C5	DL	EX	FT5/W	HI	JD/O	KP2	P2	SP	TJ	<b>V</b> 7	VP8	YK	ZL
3XA	5X	9Q	C6A	DU	EY	FT5/X	HK	JT	KP4	P4	ST	TK	V8	VP8H	YL	ZL7
3Y/B	5Z	9U	C9	<b>E</b> 3	EZ	FT5Z	HK0/M	JW	KP5	<del>P5</del>	SU	TL	VE	VP8O	ΥN	ZL8
3Y/P	6W	9V	CE	E4	F	FW	HK0S	JX	LA	PA	sv	TN	VK	VP9	YO	ZL9
4J	6Y	9X	CE0X	E5/N	FG	FY	HL	JY	LU	PJ2	SV/A	TR	VK0H	VQ9	YS	ZP
4L	70	9Y	CE0Y	E5/S	FH	G	HP	K	LX	PJ4	SV5	TT	VK0M	VR	ΥT	ZS
40	7P	A2	CE0Z	E6	FJ	GD	HR	KG4	LY	PJ5	SV9	TU	VK9C	VU	ΥV	ZS8

	Chart Legend
White / Green	Entity Worked This Year by a Member
Black / White	Very Active Entity Not Yet Worked
Black / Blue	Entity with Announced DXpedition
Black / Yellow	Rarely Active Entity Not Yet Worked
Black / Red	Inactive Entity
	Deleted Entity

The 2024 Get Schroeder Contest is now over. Peter Meyer, N0FW, again led the pack with 273 worked. Peter is followed by Will, K6ND with 271 worked. Of course, they are out of area members. Larry, highest scoring Southern California member came in third with 267 significantly below the top two.

All in all 15 members broke 200 and 38 worked DXCC! Way to go! We are still active and enjoying our hobby!

Looking at the overall standings the whole of ClubLog fall short of the 2023 total by 5. Also SCDXC fell short of the 2023 total by 7. This is in spite of the fact that the SFI was notably higher in 2024. It could be because of fewer DXpeditions or operations. It could be that regular operators in underrepresented countries became inactive. Who knows? What can be said is that is was not for lack of trying. DXers were very active and participation in DXing and DX contesting is at an all time high! Hopefully 2025 will bring more operations! In any event we will enjoy chasing DX!

### **ClubLog Worked Not SCDXC**

1A0	CY0	VK9M
3XA	EZ	VP0G
5V7	R1F	VP8H
90	SV/A	YK

		0004	0-40-4						_														
			Get Sci			ers				S	CD.	XC	G	et S	chi	roed	der	Sta	ndi	ngs	20	24	
			tal Entiti					289	Rank	Call	160	80	60	40	30	20	17	15	12	10	6	Total	Slots
┡			tal Entiti					294	1	N0FW	96	##	##	186	187	231	204	224	218	246		273	1887
╟─		024 Entit	ies work DXC Entit					280 294	2	K6ND	49	60	29	76	109	172	139	149	128	132	15	271	1058
-	024 Entitie					S-C	_	273	3	K6RO	7	78	52	180	153	237	229	245	222	229	32	267	1664
	023 Entitie							280	4	N6WT	13	27	11	69	68	129	91	143	113	145	29	267	838
<del>  '</del>		ClubLog				3000	21	288	5	N6RW	51	##	##	178	224	237	222	234	230	228	50	264	1886
4		ClubLog						294	6	N6RV	3	45	29	168	136	187	175	215	160	182	51	264	1351
			DXC Lea					282	7	NS6C	6	19	4	61	104	169	143	171	165	174	35	262	1051
	- 1	2023 Club		_	_			284	8	K6AFW	1	48	26	143	172	179	167	209	175	177	0	259	1297
Rank	Call		Last Mo.	_	Leader	-Tot	-QQ	Uniques	9	WA5VGI	8	29	47	50	97	131	131	149	126	143	24	259	935
								7	10	W6TK	8	27	6	99	115	169	185	220	194	191	4	250	1218
1	N0FW	273	3	-8	6	7	-71	2	11	N6WS	9	50	35		38	96	89	117	114	97	46	248	748
2	K6ND	271	3	3	4	9	-69	1	12	W6OU	0	2	39	35	56	89	77	77	75	64	2	240	516
3	K6RO	267	3	-11	0	13	-65	1	13	KN6ZZI	0	0	0	109	68	197	141	185	156	182	24	238	1062
4	N6WT	267	4	-6	0	13	-65	0	14	W6DR	15	63	68	123	112	137	98	153	99	167	16	230	1051
5	N6RW	264	5	-6	-3	16	-62	0	15	N6QQ	0	1	0	14	50	124	120	147	97	110	-	202	681
6	N6RV	264	1	-15	-3	16	-62	0	16	AA6PW	0	27	0	105	85	126	107	157	87	149	0	192	843
7	NS6C	262	6	1	-5	18	-60	0	17	N6PM	9	26	29	58	86	59	70	74	76	97	0	191	584
8	K6AFW	259	7	30	-8	21	-57	0	18	N6GP	0	0	0	14	6	46	4	82	87	147	16	189	402
9	WA5VGI	259	4	2	-8	21	-57	0	19	N6AV	0	0	0	73	92	110	101	78	72	121	0	188	647
10	W6TK	250	0	-27	-17	30	-48	2	20	N6M G	2	32	0	65	32	101	36	114	97	134	1	184	614
11	N6WS	248	5	-25	-19	32	-46	0	21	N6DHZ	0	18	0	36	6	90	27	117	49	147	0	179	490
12	W6OU	240	11	-3	-27	40	-38	0	22	K6FG	10	30	2	69	89	99	86	49	38	75	18	167	565
13	KN6ZZI	238	9	238	-29	42	-36	0	23	WC2S	0	0	0	12	18	37	52	81 93	54	64	8	161	324 450
14	W6DR N6QQ	230 202	4	-18 -45	-37 -65	50 78	-28 0	0	25	K7MY NK6A	0	33 0	0	28 8	78 3	4 79	55 11	93 85	55 10	96 126	0	152 147	322
16	AA6PW	192	18	97	-65 -75	88	10	0	26	W6SR	0	0	0	2	0	90	2	101	11	101	11	147	318
17	N6PM	191	6	-37	-75 -76	89	11	1	27	K0XP	33	14	0	103	28	61	25	65	31	56	1	144	417
18	N6GP	189	42	-4	-78	91	13	0	28	W6ZL	0	2	0	32	7	89	19	105	38	102	7	139	401
19	N6AV	188	0	139	-79	92	14	0	29	W8DX	0	0	0	0	0	31	31	55	24	81	3	137	225
20	N6MG	184	4	33	-83	96	18	0	30	W6KK	12	35	3	27	24	8	9	52	25	94	19	129	308
21	N6DHZ	179	4	-22	-88	101	23	0	31	KI6BTY	0	12	16	51	31	72	45	60	46	70	4	126	407
22	K6FG	167	35	51	-100	113	35	0	32	K6NGO	0	7	1	26	21	44	30	48	26	54	2	111	259
23	WC2S	161	6	22	-106	119	41	0	33	AA6DW	0	1	0	6	10	33	27	39	45	42	8	111	211
24	K7MY	152	1	-7	-115	128	50	0	34	W6FL	0	6	6	12	14	12	31	29	21	23	43	110	197
25	NK6A	147	2	4	-120	133	55	0	35	WB6DJI	0	0	٥	68	5	62	1	48	1	63	6	106	254
26	W6SR	145	0	51	-122	135	57	0	36	K6JW	0	12	0	13	5	46	20	45	25	29	3	101	198
27	K0XP	144	0	-50	-123	136	58	0	37	NA6Q	0	2	0	8	6	27	10	37	23	44	0	80	157
28	W6ZL	139	0	-56	-128	141	63	0	38	W6YLZ	0	0	0	0	3	26	28	24	16	2	7	66	106
29	W8DX	137	0	-63	-130	143	65	0	39	K6DW	0	0	0	29	0	33	0	38	0	31	1	63	132
30	W6KK	129	93	14	-138	151	73	0	40	KR6C	0	0	0	3	1	9	14	19	23	24	0	63	93
31	KI6BTY	126	3	23	-141	154	76	0	41	N6PEQ	0	0	0	3	2	6	5	13	15	53	0	61	97
32	K6NGO	111	7	-72	-156	169	91	0	42	K6FOD	1	3	0	9	7	9	10	12	9	13	4	49	77
33	AA6DW	111	5	16	-156	169	91	0	43	KK6M	0	0	0	0	0	2	0	20	8	5	0	29	35
34	W6FL	110	10	50	-157	170	92	0	44	WD6Y	0	3	0	3	1	4	5	3	8	8	0	23	35
35	WB6DJI	106	0	-35	-161	174	96	0															

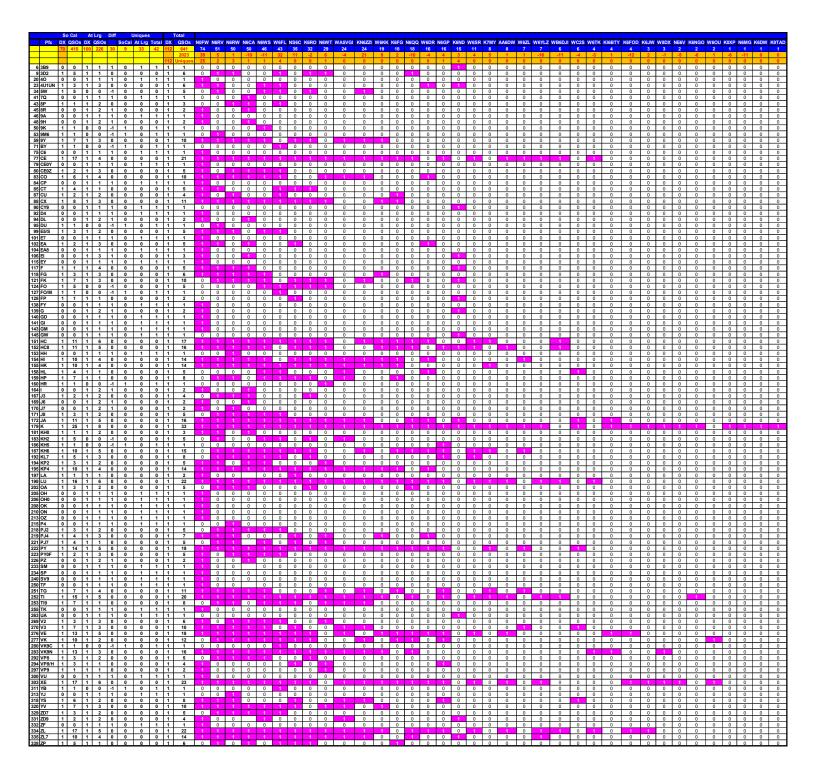
# What Did We Really Work?

2024 is over and the activity was spectacular. We finished December with 134 entities worked. That may seem to be low but historically December is a dead month evidenced by the lack of DXpeditions. The 10 Meter Contest helped the count. Again, this will probably continue for 2 more years. After that ... who knows? Keep on trucking!

Series	E-W-		otal Jan F							Entity	1				y June				E-Min						July Au		Oct Nov I
SMERIELLE STATE ST	Entity MONACO		1 1		1 0				1 0		EU	1 1	1 1	0 n	1 124	1 1	1 1		Entity SINT MAARTEN		1 1	v 215 1 1	1 1	ο η	1 0	0	0 0
TRIANSPORT STATE OF THE PROPERTY OF THE PROPER	MAURITIUS ISLAND		1 1	1 1	0 0	0	0 1	1 0	1 0			1 1	1 1	1 1	0	1 0	1 0				1 1	1	1 0	1 1	1 1	1	1 1
SECONO PERSONAL SECONO	RODRIGUEZ ISLAND		1 1	1 0	0 0	0	0 0					1 1	1 1	0 1	1	0 0	1 1				1 0	0	1 0	0 1	0 0	0	1 1
Mary			1 1	1 1	0 1	0	1 0	0 0	0 0		EZ	1 0	0 0	0 1	0	0 0	0 0	0 0			1 1	1	1 0	0 0	1 1	1	1 1
STATES OF TAMES OF TA			1 0	0 0	1 1	0	0 1	1 1	1 0		F	1 1	1 1	0 1	1	1 1	1 1	1 1			1 1	1	1 0	0 0	0 0		0 1
THE	KUTUMA KINGDOM OF FRWATINI		1 0	1 0	0 0	0	0 0	1 0	1 0	MAYOTTE	FG	1 1	1 1	0 1	1	0 0	1 1				1 0	1	1 0	1 1	1 0		1 1
STATE OF THE PARTY	TUNISIA	3V	1 1	0 1	0 0	0	0 0	0 0	1 0	SAINT BARTHELEMY	FJ	1 0	1 0	0 0	0	0 0	0 0		SEYCHELLES ISLANDS		1 1	ò	1 0	0 0	1 1	0	0 0
STEAMEN STATE OF THE STATE OF T	VIET NAM	3W	1 1	1 1	0 1	1	1 0	0 1	1 1	NEW CALEDONIA	FK	1 1	1 1	1 0	1	1 0	1 1	1 1	SAO TOME & PRINCIPE	S9	1 0	0	0 0	0 0	0 0	0	0 1
Semination of the property of	AZERBAIJAN		1 1	1 1	0 1	1	1 1	0 0	1 0			1 1	1 1	0 0	1	1 1	1 1		SWEDEN	SM	1 1	1	1 1	1 1	1 1	1	1 1
STATE STATE OF THE PROPERTY OF			1 1	1 1	1 0	1	1 0	1 1	1 0			1 1	1 0	0 0	0	0 0	0 0			SP	1 1	1	1 1	1 1	1 1	1	1 1
Martine   Mart			1 1	1 1	0 0	1	1 0	1 0	0 0			1 0	0 0	1 1	0	0 0	0 0	0 0		SU	1 1	1	0 0	1 0	1 0		0 0
Marches   Marc	UNITED NATIONS HO		1 1	1 1	0 0	1	1 1	0 0	1 0			1 1	1 1	0 0	0	0 1	1 1	0 0			1 1	1	1 1	0 1	1 1	1	0 0
SERIES AS I S S S S S S S S S S S S S S S S S	TIMOR-LESTE		1 0	0 1	0 0	ė	0 0	0 0	1 0			1 0	0 0	0 0	ō	1 1	1 0				1 1	1	0 0	0 0	1 1	0	1 1
STRICT STATE OF THE STATE OF TH	ISRAEL	4X	1 1	1 1	0 0	1	1 1	0 1	1 0	REUNION ISLAND		1 1	1 0	0 1	1	1 1	1 1	1 1	TUVALU		1 0	0	0 0	0 0	0 0	1	0 0
TRADAMON DE LE	LIBYA		1 1	1 0	0 0	0	0 0	1 0	0 1			1 1	0 1	0 0	1	1 0	0 0	0 0			1 1	0	1 0	0 0	0 0	0	0 0
SMESSESSESSESSESSESSESSESSESSESSESSESSES	CYPRUS		1 1	1 1	0 0	1	1 1	0 1	1 0	GLORIOSO ISLAND		1 0	0 0	0 1	0	0 0	0 0	0 0		T7	1 1	1	1 0	0 0	0 0	1	0 0
SECONOMINAMENO SECONO	MADAGASCAR		1 1	1 1	0 0	0	0 0	1 1	1 1	WALLE & ELITIMA IOLANDO		1 0	1 1	0 0	1	0 0	0 0	1 1	TURKEY	18	1 1	4	1 0	1 1	1 1	1	1 1
Septimina Septim	NIGER		1 0	0 0	0 0	1	0 0	0 0		FRENCH GUIANA		1 1	1 1	0 0	0	1 0	1 1			TF	1 1	i	1 0	0 1	1 1	1	1 1
STATE WAS NOT ST	SAMOA		1 1	1 1	0 0	1	1 1	1 1	1 1		G	1 1	1 1	0 1	1	1 1	1 1	1 1		TG	1 1	1	0 0	0 0	1 1	0	0 1
STREAMS. ME   1   2   2   2   3   4   4   4   4   4   4   4   4   4	UGANDA		1 0	1 0	0 0	0	0 0	0 0	0 0			1 1	1 1	0 1	1	0 0	0 0	1 0			1 1	1	1 1	0 0	1 0	0	1 1
MAMERIAN CONTROL OF 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	KENYA		1 1	1 1	0 0	0	1 0	0 0	0 0			1 1	1 1	0 0	1	1 1	1 1	1 1			1 0	0	0 0	0 0	0 0	0	1 0
THE			1 0	1 1	0 0	0	0 0	0 0	0 0			1 1	1 0	0 0	1	1 1	1 0	1 1			1 0	0	0 0	0 0	0 0	1	0 0
SECONOMIC PROPERTY OF THE PROP	JAMAICA YEMEN		1 1	1 0	0 0	0	0 0	0 1	0 0			1 1	1 0	0 1	1	1 0	1 0	0 1			1 1	1	0 0	0 0	0 0		0 0
MACHINE NO. 1	LESOTHO		1 0	1 1	1 0	0	0 0	0 0	0 0			1 1	1 1	0 0	1	1 1	1 1	1 1			1 0	1	0 0	0 0	0 0	0	0 0
MAGRICIA SECOLATION SECONAL SE	MALAWI	7Q	1 1	1 1	0 0	1	1 1	0 0	1 1	SOLOMON ISLANDS	H4	1 0	0 1	1 0	ò	0 1	0 0		GABON	TR	1 1	1	0 0	0 1	1 0	0	0 1
SMEANSCRIPTION NO. 1	ALGERIA		1 1	1 0	1 1	1	1 0	0 1	1 1	TEMOTU PROVINCE		1 0	1 1	0 0	0	0 0	0 0	0 0			1 0	0	0 1	0 0	0 0	0	0 0
00000000000000000000000000000000000000	BARBADOS		1 1	1 1	0 0	0	1 1	0 1	1 0	HUNGARY		1 1	1 1	0 1	1	1 1	1 1	1 1			1 0	0	0 0	0 0	0 1	1	0 0
SCHAME   1   1   1   1   1   1   1   1   1	MALDIVES		1 1	0 0	1 1	0	0 1	0 0	0 1	SWITZERLAND		1 1	1 1	1 0	1	1 1	1 1				1 0	0	1 1	0 0	0 0	0	0 0
SMATCHINAME NO. 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	CROATIA		1 1	1 1	0 0	1	1 1	1 1	1 1			1 1	1 0	0 0	1	1 1	1 1	1 4			1 1	1	1 1	1 1	0 1	1	1 1
METAL A MIN I I I I I I I I I I I I I I I I I I	GHANA		1 1	1 1	0 0	0	0 0	0 1	0 0			1 0	0 1	1 0	Ö	0 0	0 0	1 0			1 1	1	1 1	1 1	1 1	1	1 1
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SEMBALACHINE 1. 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	ZAMBIA		1 1	1 0	0 0	0	1 0	1 0	1 1			1 1	1 1	0 1	1	1 1	1 1	1 1			1 1	1	1 0	0 1	1 0	1	1 0
WET MACHAM  WET 1	KUWAIT		1 1	1 1	0 0	1	1 0	0 0	0 0			1 1	1 1	1 1	1	1 0	1 1	1 1			1 1	1	1 1	0 1	1 1	1	1 1
MACHEMATICAN MINE 1 1 0 0 0 0 1 0 1 0 0 0 0 0 0 0 0 0 0	SIERRA LEONE		1 0	0 0	0 0	0	0 0	0 0	0 1	SAN ANDRES ISLAND		1 0	0 0	1 0	1	0 0	0 0	0 0		UR	1 1	1	1 1	1 1	1 1	1	1 1
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SIGNAMONIC 9 V 1 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	NFPAL	9NIO	1 1	1 1	0 0	1	1 0	0 0	1 0	HONDURAS		1 1	1 0	0 0	0	1 1	1 1	0 1	SAINT KITTS & NEVIS	V3	1 1	1	0 0	0 0	0 0	1	1 1
WAMPOR SK I 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	SINGAPORE	9V	1 1	1 1	0 0	1	1 1	1 1	0 1			1 1	1 1	0 0	1	1 0	1 1	1 1		V5	1 1	1	1 0	0 1	0 1	1	1 1
DETUNIAN. A. 1	RWANDA		1 0	0 0	0 1	0	0 0	0 1	0 0	VATICAN CITY	HV	1 0	0 1	0 0	0	0 0	0 1	1 0	MICRONESIA	V6	1 0	0	0 0	1 0	0 0	1	0 0
TOMMA  A3 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	TRINIDAD & TOBAGO		1 1	1 1	0 0	0	1 1	0 1	1 1		HZ	1 1	1 1	0 0	0	1 1	1 0				1 0	0	0 0	0 0	0 1	1	0 1
MAM			1 1	1 0	0 0	0	1 1	1 1	0 0		1	1 1	1 1	1 1	1	1 1	1 1				1 1	1	0 1	1 0	1 0		1 1
DIRMATION AL 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			1 1	1 1	0 0	4	1 0	0 0	0 1			1 1	1 0	0 0	1	1 1	0 0				1 1	1	1 0	1 1	1 1	1	1 1
SMETS ARE SHAFTEFT MAY 1 1 1 1 0 0 1 1 0 1 0 0 1 0 0 0 0 0 0			1 1	1 1	1 1	1	0 0	0 0	0 0			1 1	1 1	0 0	0	0 0	0 0				1 1	1	0 0	0 0	0 0	1	0 1
ATAMAMAMAMAMAMAMAMAMAMAMAMAMAMAMAMAMAMA	UNITED ARAB EMIRATES		1 1	1 1	0 0	1	1 1	0 0	1 0			1 0	1 0	0 0	ō	0 0	0 0		LORD HOWE ISLAND		1 0	0	0 0	0 1	1 0	. 0	0 0
PARMETAM BI 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	QATAR		1 1	0 1	0 0	0	1 0	0 0	1 0			1 1	1 1	0 0	0	0 0	0 1	0 0	NORFOLK ISLAND		1 1	1	0 1	0 0	1 0	1	1 1
TAMMAN BY 1 1 1 1 1 0 0 1 1 1 1 1 0 0 1 0 1 1 1 1 0 0 1 0	BAHRAIN	A9	1 1	1 1	0 0	1	1 0	0 1	1 0			1 1	1 0	0 0	0	1 0	1 0	0 1	SOUTH GEORGIA ISLAND		1 0	1	1 0	0 0	0 0	0	0 1
SHAMEN CIPAL PROPERTY OF A PART OF A	PAKISTAN		1 1	1 1	1 0	0	0 0	0 0	0 0			1 1	1 1	0 0	1	1 1	1 1	1 1			1 0	1	1 0	0 0	0 0	0	1 0
MAGNORIAN CIR I I I I I I I I I I I I I I I I I I			1 1	1 1	0 1	0	1 1	0 0	1 1			1 1	1 1	1 1	1	1 1	1 1	1 1			1 1	. 1	0 1	0 1	0 0		0 1
MORGEA CI 1 1 1 1 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0	NAURU		1 1	1 0	1 0		1 0	1 1	1 0			1 1	1 1	1 1	0	0 0	0 0	0 0			1 0		1 1	0 1	0 0	1	0 0
BAMMAS	ANDORRA		1 1	1 1	0 0	ō	1 0	0 1	0 0			1 1	1 1	0 0	ō	0 0	1 1	1 1			1 1	1	1 0	0 0	1 1	1	0 1
MCAMBRIGUE  C2 1 0 0 1 0 1 0 0 1 0 0 1 0 0 1 0 1 0 1	THE GAMBIA		1 0	0 0	0 0	0	0 0	1 0	0 1			1 1	0 1	0 0	0	1 0	0 1	1 0			1 1	0	0 0	0 0	0 0	0	0 0
MARIAM SIAMO	BAHAMAS		1 1	1 1	0 0	0	0 0	0 0	1 1			1 1	1 1	0 0	1	1 0	0 0	0 1			1 1	1	1 1	0 0	0 0	0	0 1
EASTERIAND  CEV 1 1 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0			1 0	0 1	0 1	0	0 1	0 0	0 0			1 1	1 1	1 1	1	1 1	1 1	1 1	HONG KONG		1 1	1	1 0	0 1	1 1	1	1 1
JUAN FERNANCE SILANDS   CESS   1 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	CHILE		1 1	1 1	1 1	1	1 1	1 1	1 1			1 1	1 1	0 0	1	0 1	1 1	1 1	INDIA		1 1	1	1 0	0 1	0 0		0 1
AMTARCITCA  CE9 1 1 1 1 1 0 0 0 0 1 1 1 1 1 0 0 0 0 1 1 1 1 1 0 0 0 0 0 1 0 1 1 0 1 0	JUAN FERNANDEZ ISI ANDS	CE07	1 0	1 1	0 0	0	0 0	0 0	0 0			1 0	0 0	0 0	0	0 1	0 1 0 n	0 0	MEXICO		1 0	1	1 0	0 1	1 1	1	1 1
MORFORCO O I 1 1 1 1 1 0 0 0 1 1 1 1 1 0 0 0 1 1 0 0 1 1 1 1 MAREICAN SAMOA (NB 1 0 0 0 0 0 1 1 1 0 0 0 0 0 0 1 1 1 0 0 0 0 0 0 1 1 1 0 0 0 0 0 0 0 1 1 0 0 0 0 0 0 0 1 1 0 0 0 0 0 0 0 0 1 1 0	ANTARCTICA	CE9	1 1	1 1	0 0	0	1 1	1 1	1 0	HAWAII		1 1	1 1	0 1	1	1 1	1 1	1 1			1 0	0	0 0	0 0	0 0	1	0 1
DELIMA CP 1 1 1 1 0 0 0 0 1 1 0 0 0 0 1 1 0 0 0 0 0 1 1 0	MOROCCO	CN	1 1	1 1	0 0	0	1 0	0 1	1 1	AMERICAN SAMOA		1 0	0 0	0 0	0	1 1	1 0	0 0	CAMBODIA		1 1	0	1 0	1 0	1 0	1	0 0
PORTUGAL CT 1 1 1 1 1 0 0 0 1 1 1 1 1 0 0 0 1 1 1 1 1 0 0 0 1 1 1 1 1 1 0 0 0 1 1 1 1 1 0 0 0 0 0 1 1 1 1 0 0 0 0 1 1 1 1 0 0 1 1 1 1 0 1	CUBA		1 1	1 1	0 0	1	1 0	1 1	1 1			1 0	1 0	0 0	0	1 0	0 0	0 1			1 1	0	1 0	0 0	1 1	1	1 0
MADERISLAMOS  CT2  1 1 1 1 1 0 0 0 1 1 1 1 0 0 0 1 1 0 1 0			1 1	1 1	0 0	0	1 1	0 0	0 0			1 1	1 1	0 1	1	1 1	1 1	1 1			1 0	1	1 0	0 0	0 0	0	0 0
ACORES  CU  1 1 1 1 0 0 0 1 1 1 1 0 0 0 1 1 1 1 0 0 0 1 1 1 0			1 1	1 1	0 0	1	1 1	1 1	1 1			1 1	1 1	0 0	1	1 1	0 1	1 1		AR AR	1 1	1	0 0	1 1	1 1	1	0 1
URIGIDAY  CX  1 1 1 1 1 0 0 1 1 0 1 1 1 1 0 0 1 1 0 1 0 0 0 0 0 0 0 1 1 0 0 1 1 0 0 1 0 0 1 0 0 0 0 0 0 0 0 0 1 1 0 0 0 1 0 0 0 0 0 0 0 0 0 0 1 1 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 1 1 0 0 0 1 0	AZORES		1 1	1 1	0 0	1	1 1	0 1	1 1			1 1	1 1	0 1	1	1 0	0 1	1 1		YJ	1 0	1	1 1	0 0	0 0	. 0	1 0
SAMP FAULISLAND  C79  1 0 0 0 0 0 0 1 1 0 0 0 0 0 1 1 0 0 0 0	URUGUAY	CX	1 1	1 1	0 1	0	1 1	1 1	1 1	ARGENTINA	LU	1 1	1 1	0 1	1	1 1	1 1	1 1	LATVIA	YL	1 1	1	1 0	0 1	1 0	0	1 1
AMODIA D2 1 1 1 1 0 0 0 1 1 1 1 0 0 0 0 1 1 1 1	SABLE ISLAND		1 0	0 0	0 0	0	0 0	1 0	0 1			1 1	1 1	0 0	1	1 0	0 0	1 0		YN	1 0	1	0 0	1 1	1 0	1	1 0
CAPE WEBDE  OA 1 1 1 1 1 0 0 0 1 1 1 1 1 0 0 0 0 1 1 1 1 1 0 0 0 0 1 1 1 1 1 0 0 0 1 1 1 1 1 0 0 0 1 1 1 1 1 1 0 0 0 1	SAINT PAUL ISLAND		1 0	0 0	0 0	0	0 1	1 0	0 0			1 1	1 1	0 0	1	1 1	1 1	1 1		YO	1 1	1	1 1	0 1	1 1	0	1 1
FEDERAL RÉPUBLIC OF GERMANY  DL  1 1 1 1 1 0 0 1 1 1 1 1 0 1 1 1 1 0 0 1 1 1 1 1 0 0 1			1 1	1 0	0 0	1	1 1	1 0	1 1			1 1	1 1	1 1	1	1 1	1 1	1 1			1 1	1	1 0	0 0	1 1	0	1 0
PRIMERS DU 1 1 1 1 1 0 0 0 1 1 1 1 1 0 0 0 1 1 1 1 1 1 0 0 0 1 0 1 1 1 1 1 0			1 1	1 1	0 0	1	1 1	1 1	1 1			1 1	1 1	0 0	1	1 1	1 1	0 1			1 1	1	1 0	0 1	1 1	1	1 1
NORTH-COCK ISLANDS E5N 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	PHILIPPINES		1 1	1 1	0 0	1	1 1	1 1	1 1			1 1	1 1	0 0	1	1 1	1 1	1 1			1 0	1	0 0	1 0	1 0	1	0 0
NUE	NORTH COOK ISLANDS		1 1	0 0	0 0	ó	0 1	0 0	0 0			1 1	1 1	0 1	1	1 1	0 1	1 1			1 1	1	1 0	0 1	1 1	1	1 0
NUE	SOUTH COOK ISLANDS		1 1	1 0	0 0	0	1 0	1 1	1 0			1 0	1 1	0 0	1	1 1	0 0	1 1			1 1	1	1 0	0 0	1 1	1	0 1
FAM EA 1 1 1 1 0 0 1 1 1 1 1 1 5 SAVA FRIBEILC OM 1 1 1 1 0 0 1 1 1 1 0 0 1 1 1 1 0 0 1 1 1 1 0 0 0 0 0 0 0 0 1 1 1 1 1 0	NIUE		1 0	0 0	1 0	0	0 0	1 1	0 0			1 0	0 0	0 1	0	0 0	0 0	0 0			1 0	1	1 1	0 0	0 0	1	1 0
BALEARIOS EAS 1 1 1 1 0 0 1 1 1 1 1 0 0 0 1 1 1 1 1	BOSNIA-HERZEGOVINA		1 1	1 1	0 0	1	1 0	1 1	1 0			1 1	1 1	0 0	1	1 1	0 1	1 1			1 1	1	1 1	0 0	0 0	1	0 0
CAMARY SLANDS EAB 1 1 1 1 0 0 1 1 1 0 1 1 1 0 0 1 1 1 1	SPAIN	EA	1 1	1 1	1 0	1	1 1	1 1	1 1			1 1	1 1	0 0	1	1 1	0 1	1 1	GIBRALTAR		1 1	0	1 0	0 0	0 0	1	1 1
ERUTA MELLLA  EAP 1 1 1 1 0 0 1 1 1 1 1 1 1 FARRESIANDS  OV 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 ASCENSION ISLAND  EI 1 1 1 1 0 0 1 1 0 1 1 1 1 1 1 1 1 FARRESIANDS  ON A 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	CANARY ISLANDS	FA8	1 1	1 1	0 0	1	1 1	0 1	1 1	GREENLAND		1 1	1 1	0 0	0	1 0	0 0	1 1	SAINT HELENA		1 0	1	1 0	0 0	0 0	1	1 1
RELAND EI 1 1 1 0 0 1 1 0 1 1 1 1 DOMARK OZ 1 1 1 1 0 0 1 1 1 1 0 0 1 1 1 1 0 0 0 0 1 0 1	CEUTA & MELILLA	EA9	1 1	1 1	0 0	1	1 1	1 1	1 1			1 1	0 0	0 0	ō	0 0	0 0	0 0			1 1	0	0 0	1 0	0 0		0 0
LIBERIA EL 1 1 1 1 1 0 1 0 0 0 1 0 ARUBHERLAND P4 1 1 1 1 0 0 0 1 0 1 1 1 CHATHAMISLAND ZL7 1 1 0 0 0 1 0 0 0 1 1 0 RAN EP 1 1 1 1 0 0 1 0 0 0 0 0 0 1 1 0 0 0 0	IRELAND		1 1	1 1	0 0	1	1 0	1 1	1 1			1 1	1 1	0 0	1	1 1	0 1				1 1	1	1 0	0 0	0 1	0	1 1
RAN EP 1 1 1 0 0 1 0 0 0 0 0 0 NETHERLANDS PA 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ARMENIA		1 1	1 1	1 0	0	1 1	0 0	0 0			1 0	1 0	0 0	0	0 0	0 0	0 0			1 1	1	1 1	1 1	1 1	1	1 1
MOLDOVA ER 1 1 1 1 0 0 1 1 0 1 1 1   CURACAO PJ2 1 1 1 1 1 0 0 1 0 1 1 1 1   REPUBLIC OF SOUTH AFRICA ZS 1 1 1 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1	LIBERIA		1 1	1 1	1 1	0	1 0		1 0			1 1	1 1	0 0	0	1 0	0 1	1 1				0		1 0	0 0	0	1 1
ESTONIA ES 1 1 1 0 0 0 1 1 1 1 1 1 1 BONAIRE PJ4 1 1 1 1 0 0 0 0 0 1 1 1			1 1	1 1								1 1	1 1	1 1	1	1 1	1 1	1 1			1 1	1	1 0	0 0	0 1	1	1 0
	MOLDOVA ESTONIA		1 1					1 0	1 1			1 1	1 1						KEPUBLIC OF SOUTH AFRICA	ZS	1 1	1	1 0	1 1	1 1	1	1 1
ZIMIUMA PI 1 1 1 0 0 0 0 0 0 0 0 0 I ISARA EST FIISTATIUS P.IS 1 1 1 1 0 0 0 0 0 0 0 0 0 0	ETHIOPIA	ET	1 1	1 0	0 0	0	0 0	0 0	0 0	SABA & ST EUSTATIUS	PJ4 PJ5	1 1	1 1	0 0	0	0 0	0 1	0 0									

### Who's on 6?

Six meters actually produced some new ones for the year in December! Unfortunately it was for the guys East of California or the locals who did not work 6 meters before in 2024. Nevertheless, we did pretty well this year. Combined we worked 112 entities. Southern California members worked 70 entities, at large members worked 100. Peter, N0FW, worked 25 unique entities, most of them were Europe and some were Africa. That was 21 more than anyone else worked! Of course, we few on the West Coast did not even hear the DX let alone hear him calling them, which is very common for 6 meters!! When Larry, K6RO, sets up his Maine station and all of us can use it the field will be leveled! Well, according to the current DXCC rules you only have to be within the boundary of the entity to count DXCC credits.



### **Deleted ARRL DXCC Entities**

This month we look at deleted entity #54 Sarawak.

<b>Prefix</b>	Entity	Cont	Zone		UTC	Location		Prefix
			ITU	CQ	+/-	Lat	Long	
VQ6	British Somaliland	AF	48	37	3	2N	46E	
VQ9	Aldabra	AF	53	39	4	98	46E	
VQ9	Desroches	AF	53	39	4	6S	55E	
VQ9	Farquhar	AF	53	39	4	10S	51E	
VS2	Malaya	AS	54	28	7.5	3N	102E	9M2
VS4	Sarawak	ОС	54	28	8	2N	110E	
VS9A	PDR Yemen	AS	39	21	3	13N	45E	VS9A, VS9P, VS9S
VS9H	Kuria Muria Is	AS	39	21	4	18N	56E	



### Sarawak

Sarawak is located in northwest Borneo. It currently is a state of Malaysia along with Sabah which is to the northeast. The earliest settlement found in the area was at the Niah Caves which dates back 40,000 years. Archeology has dug up Chinese ceramics dating from the 8th century and beyond. It is an ancient Hindu-Buddhist kingdom that passed through several monarchs. It was first mentioned in Chinese historical archives in 518 A.D. The Bruneian Empire (1358-1888), a Malay sultanate came into power and established long term rule over the region. In 1841 James Brooke, a British explorer began exert rule over the region until 1946. It was occupied by Japan during WWII. After the war it became a colony of Britain. It became independent in 1963. After this several communist insurgents have attempted to overthrow the local government.

Sarawak is loaded with natural resources including their claim to part of the South China Sea. Gas, timber, oil and other products invite international corporations to explorer and export them. The resources also are being greedily eyed by China.

Kuching, the expansive city of cats, is the capital of Sarawak and is a beautiful city filled with historical sites, markets, and cafés. The city is surrounded by national parks and beaches. It is important to note that this region is known as a cultural hearth, an area where the major population centers and populations began and exploded. A city size of over a million is not unusual.



### **Amateur Radio Operations**

As stated in the previous page Sarawak gained independences in 1963. Any contacts made on September 15, 1963 and before counts as this deleted entity. After that it became part of Malaysia.

The earliest QSL card is from 1926 BNSK2. It appears to be an SWL report.



PSE QSL via MARTS. P. O. BOX 600 PENANG, MALAYA.

## **Tid Bits**

### **DXChat Discord Server (N6WS)**

Hello SCDXC Member,

In the January Zoom meeting of the SCDXC, the topic of the Guys-Up-North (GUNs) Discord server was brought up as a common meeting place for daily DX activities. All SCDXC members are invited to join us on the GUNs Discord server. Please read this entire invitation email before initiating a connection to the GUNs Discord server.

The GUNs Discord server is a convenient meeting place for exchange of DX spots, DX information, tech support, and even some joking around. The server has voice channels and texting channels. The voice channels consist of:

- DX-Chat for general chats about DX
- Tech-Support for technical discussion to resolve problems
- EME-Sat for discussions and coordination of EME or Satellite QSOs
- The text channels for texting discussions and automated announcements:
- General DX is a general channel for text DX discussions and DX spotting
- Tech-Support is a general text channel for mutual tech support
- 6m-DX-Spots is a channel that has automated 6m DX spots originating from the western states
- DXPedtion-Z345 is a channel that has automated DXpeditions spot originating in CQ Zones 3, 4, & 5
- Member-Spot is a channel that has automated spots of the GUNs Discord server
- Top-50-Needed is a channel that has automated spots of the top 50 needed entities
- DXPedition-Spots is a channel that has automated spots of DXPeditions originating from worldwide spots and the RBN
- Solar-Indices is a channel that has automated announcements from WWV and WCY
- Polls is a channel for originating polls
- GUNs-Rules is a channel that has the general rules of for operating on the GUNs Discord server (Read these rules)
- For-Sale-Swap is a channel you can list items you have for sale or list wanted items
- EME is a channel that has automated worldwide EME spots
- NCDXC-Chat is a channel that has automated NCDXC DX Spot emails (currently inoperative)
- Weather-Links is a channel that has the location information and links to some of the users' Weather system

The best way to initiate a connection to the GUNs Discord server is by downloading the Discord application, and install it on your PC, Mac, or phone. If for some reason, you don't like the application or connecting to the GUNs Discord server, you can easily uninstall the application at a later time. The Discord application is available at: <a href="https://discord.com/">https://discord.com/</a> On this page you can select to download the application or open Discord on your browser. If you choose to open Discord in your browser you will go through a Captcha verification process, which never seems to work correctly. That is why I recommend using the application. After you install the application, you will be able to sign into the GUNs Discord server. When signing in use the convention of CALLSIGN-Name. My login is N6WS-Bill. Please use this convention so we know who you are, and your access will be approved as soon as we recognize you as a valid applicant.

When you first login, you will not be able to see most of the voice and text channels available. One of the system administrators will have to approve your access to the site. After initiating your first login, notify me at n6ws@n6ws.com, and I will approve your access. Once your membership is approved you can then access the full server, and configure your Discord application to use the mic and speakers to work on the voice channels. As a convention, we use PTT. Please do not configure you application to use VOX. This will avoid random noises from disturbing others on the channel. Most users use their Insert key on the keyboard as the PTT key.

The link to the GUNs Discord server is: https://discord.gg/BCc3bG66

You must use this invitation link within 24 hours. If you want an invitation link some time after 24 hours, just request it from me using my email address, <a href="mailto:wmshell@gmail.com">wmshell@gmail.com</a>.

73, Bill N6WS

### **KO6MD Estate (K6JW)**

KO6MD's Amateur Radio Station Equipme For Inquiries: Contact Jeff, K6JW at			
k6jw@arrl.net			
ltem	Asking Price	Sold	Comments
Elecraft K3 XCVR	\$1,800.00		Contact K6JW for full details
Elecraft K-Pod	\$200.00		
Elecraft P3 Panadapter for K3	\$650.00		
Kenwood TS-590S XCVR	\$500.00		Heil Pro7 Boom Headset
Alpha Delta #Delta-4 Coaxial Switch	\$60.00		4 position
Alpha Delta #Delta-4 Coaxial Switch	\$60.00	X	4 position
Alpha Delta #Delta-2 Coaxial Switch	\$45.00		2 position
Antennas for Mobile Use (2)	\$5.00		
AnyTone AT-D878UVII Plus	\$200.00	X	Charger and programming cable included
ARRL Satellite Interface Kit #2228	\$20.00		
Astatic SWR & Power Meter	\$25.00		
Begali Sculpture lambic Paddle	\$300.00	Х	Autographed by Pietro Begali
			Discontinued model Like new
BK Precision Dual Trace Oscillosope	\$300.00		condition
Chassis Box (metal, no screws included)	\$5.00		
Chassis Boxes (3)	\$15.00		Or \$5 per box
ClearSpeech CSS-11 Speaker	\$50.00		
Comet CAA-500 SWR Analyzer	\$200.00		
Daiwa CN-801 HF SWR-Power	\$80.00		
Daiwa CN-801 VHF-UHF SWR-Power Mete			
Daiwa CS-201 2 Position Coax Switch	\$20.00		
Daiwa CS-201 2 Position Coax Switch	\$20.00		
Daiwa CS-201 2 Position Coax Switch	\$20.00		
DC Voltmeter	\$5.00		
Delica Antenna Impedance meter	\$35.00		
Diamond SRH320A	\$25.00		
DiamondNR770HNMO Mobile Antenna	\$40.00	Х	
Elecraft 20 Watt Dummy Load	\$30.00		
Elenco Precision Quad Power Supply	\$50.00		
FlexRadio Systems FlexControl	\$35.00		Included if Flex 3000 purchased
			Includes Flex FHM-1 mic, Fire Wire
Flex 3000 HF/6m Transceiver	Best Offer		cable, pwr cable
Heil Hand PTT Switch	\$45.00		
			Includes boom, mic cradle, and
Heil PR-40 Microphone	\$250.00		Kenwood mic cable
Heathkit AM-1 Antenna Impedance Meter	\$35.00		
Heathkit RF Signal Generator	\$35.00		
Heil PL2T Mic Boom and Shock Mount	\$60.00		
Heil PRO-Micro Boom Headset	\$55.00		
Heil Proset	\$50.00		
Heil Pro Set Elite with HC-6 Mic Element	\$100.00		Should replace ear pad covers
ICOM 208H VHF/UHF XCVR -2M/440	\$175.00	Х	
Kenwood TH-F6 Tri-Band HT	\$250.00		

### **KO6MD Estate (K6JW)**

L.F.S. 4 Port Swichbox	\$5.00			
Mean Well 123 12 Volt 3 Amp Power Supp				
MFJ 12V 500mA Wall Warts (quantity: 3)	Free			
MFJ-281 ClearTone Speaker	\$10.00 MFJ no longer in business			
MFJ-281 ClearTone Speaker	\$10.00			
MFJ-422B Electronic Keyer Paddle	\$80.00			
MFJ-464 CW Keyer/Reader	\$75.00		MFJ no longer in business	
			MFJ no longer in business	
MFJ-486 Contest Memory Keyer	\$10.00		does not work	
MFJ-492 Menu Driven Memory Keyer	\$50.00			
MFJ-557 Code Practice Oscillator	\$25.00	MFJ no longer in business		
MFJ-616 Speech Intelligibility Enhancer	\$90.00		MFJ no longer in business	
MFJ-874 SWR/ Wattmeter	\$70.00		MFJ no longer in business	
MFJ-434B Voice Keyer	\$175.00		MFJ no longer in business	
MFJ-802B Field Strength Meter	\$30.00	Х	MFJ no longer in business	
MFJ-890 DX Beacon Monitor	Make Offer		MFJ no longer in business	
MFJ -1251 Universal Mic Adapter	\$20.00		MFJ no longer in business	
MFJ-1263 Mic/Radio Switch	\$80.00	Х	MFJ no longer in business	
MFC J-1702C 2 Position Coax Switch	\$40.00		MFJ no longer in business	
MFJ-4403 Voltage Conditioner	\$30.00		MFJ no longer in business	
MFJ-9320K 20M QRP CW Transceiver Kit	\$35.00	Х	Kit	
MFJ-9340K 40M QRP CW Transceiver Kit	\$35.00		Kit	
MJ Products (Note: Not MFJ) Coax Switch	\$25.00			
Mic Stands with mic holders (3)	\$20.00		\$20 each	
Mobile speaker: Unknown Mfr.	\$10.00			
Mobile speaker: Unknown Mfr.	\$10.00			
Multiport USB Hubs	Free			
Nifty HT Stands: 1 pair	\$10.00	Х	Two adjustable stands	
Nokia HFS-12	\$15.00			
Opek CX-3 1KW Coaxial Antenna Switch	\$10.00			
Philmore ST-300 Step Up/Dn Transformer	\$30.00			
Power Werx 13.8 Volt 25 Amp Pwr Supply		Х	Model #SPS-30DM	
QRP J-38 by KA6IRL	\$25.00		Includes wood case	
Radio Shack 13.8 volt 3 amp Pwr Supply	\$25.00	Χ		
Radio Shack Power Inverter	\$20.00		12V in to 115 out	
Realistic (Radio Shack) Amplified Speaker	\$20.00			
DELCOND DO A MANAGEMENT CONTRACTOR	¢5.00		Price is for any 4 chokes or	
RFI Grab Bag Any 4 chokes for \$5	\$5.00		8 chokes for \$9	
Samlex SEC 1223 13.8V 23A Pwr Supply	\$100.00	Х		
SignaLink USB	\$45.00	Х		
SignaLink USB cable and K3 Jumper Diagra	Free	Х		
			Includes power Supply and	
SteppIR SDA 100 Controller	\$150.00		interface cables	
Simpson 269-AF VOM	\$10.00		Uses 1 D Cell and 1 9V battery	
Superscope EC-7 Dynamic Microphone	\$30.00		Manufactured by Marantz	
Superscope EC-7 Dynamic Microphone	\$30.00		Manufactured by Marantz	
Triplet AC Ammeter	\$7.00			

### **KO6MD Estate (K6JW)**

Triplet AC Voltmeter	\$5.00			
Trunk Lid Mount	\$10.00	Missing one screw and needs SO-259		
UR6QW 5 Band Equalizer-Compressor	\$40.00		Free if included with purchase of K3	
Vertex Speaker	\$15.00			
Vibroplex lambic Deluxe	\$175.00		Chrome base; jeweled movement	
West Mountain Radio COMspkr	\$20.00		Two speakers for split (stereo operaton)	
West Mountain Radio RIGrunner 4004U	\$35.00	X		
West Mountain Radio RIGrunner 4005H	\$50.00			
West Mountain Radio RIGrunner 40012	\$70.00	Х		
Yaesu FT-8800 Dual Band XCVR	\$200.00	Х	No longer in productiion	

### **W7RN Station**

Unfortunately, my four-month battle with COVID has left permanent damage to my body. I cannot continue with my current workload. Midge also has degenerating health issues. We've been forced to make the strategic decision to move back to Texas, where our 3 sons live, so we can have caretakers when it comes to that. Sometime this summer we will make the move. Before that, we must sunset W7RN. There are two options for that. First (and preferred) is to sell the house and station to another ham. This assumes that there precious few who could make such a life-changing commitment, so I am posting this before we make the decision to dismantle the station. Alternatively, we have a policy with Ham Estates to come dismantle the station and sell off the assets. Details are at <a href="http://www.w7rn.com/w7rn-for-sale/">http://www.w7rn.com/w7rn-for-sale/</a>. Please distribute this to NCDXF, REDEXA, Mother Lode and any other source of potential candidates.

P.S. I am still committed to achieving life membership in NCCC this September.

Tom Taormina, K5RC ARRL Life Member

### **KB6CIO Antenna Failure (N6WS)**

Requested a crew with a bucket to repair it. The team completed the repair in 2 hours.







### **SCDXC / NCDXC Watch Face (N6WS)**

This is the link to the Watch faces for the SCDXC and NCDXC.

This is for the round and square satches with WearOS. <a href="https://www.facer.io/watchface/hFZJLrEJCF">https://www.facer.io/watchface/hFZJLrEJCF</a>

This is the link for Apple watches <a href="https://www.facer.io/watchface/y6k6G2fSGv">https://www.facer.io/watchface/y6k6G2fSGv</a>



# **Resource Page**

### **Useful Sites**

N0HR DXpedition Map www.n0hr.com/wk34/

The DX Zone

www.dxzone.com/catalog/DX\_Resources/

The Daily DX

www.dailydx.com/

**Announced DX Ops** 

www.ng3k.com/misc/adxo.html

**DXing.info** 

/www.dxing.info/dxpeditions/

DX 425 News

www.425dxn.org/dxped/

**DX Italia DX News** 

www.marioi2mqp.it

DH9SB Weekly DX Calendar <a href="http://www.dx-info.de">http://www.dx-info.de</a>

Southern California Contest Club http://www.socalcontestclub.org/

Sixth District QSL Bureau www.QSLBureau.org

# **Propagation**

Dr. Scott McIntosh says the peak of this cycle passed 6 months ago. He basis his prediction on an analysis that he developed based on past cycles. His estimate is that we have about 2 years before things start falling off. Sadly this cycle will outlive SCDXC.

Strongest Cycle Ever?
Biggest Cycle?

**Understanding Indices - K9LA** 

What to Expect During the Rising Years of Solar Cycle 25 - YouTube

The Termination Event | Spaceweather.com

### **ARRL VE Exam Sessions**

To find an ARRL exam sessions in your area go to the website: http://www.arrl.org/find-an-amateur-radio-license-exam-session

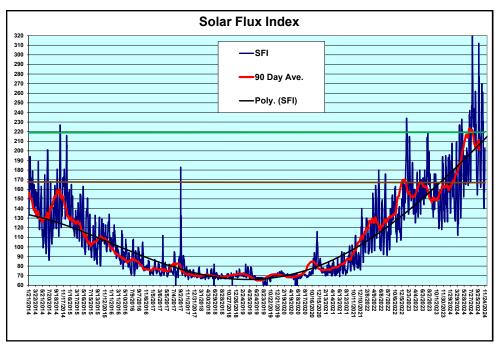
### **Club and Conduct Sites**

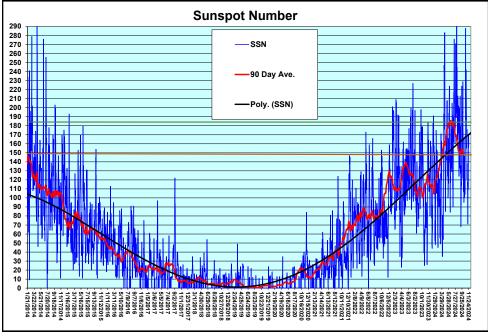
### **Officer Guidelines**

http://www.scdxc.org/download/Officer\_Guidelines.pdf

### **DX Code of Conduct**

http://www.dx-code.org/







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Anaheim	ana@hamradio.com	□ 1-714-533-7373	1-800-854-6046 III	1-714-533-9485 E
San Diego	sd@hamradio.com	1-858-560-4900 E	□ <b>3</b> 1-800-854-6046 ■ □	□





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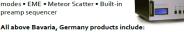
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